



# ROUTES

IN THE

## BOMBAY PRESIDENCY.

COMPILED FROM DOCUMENTS

IN THE OFFICE OF THE

Quartermaster-General of the Bombay Army.

G. R. S. BURROWS, BRIGADIER-GENERAL,

QUARTERMASTER-GENERAL.

QUARTERMASTER-GENERAL'S OFFICE,

Poona, 1st January 1876.

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WITH TWO MAPS.

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## PREFACE.

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THE printing of this, the Third Edition of ROUTES IN THE BOMBAY PRESIDENCY, was commenced in 1873; the whole of the Papers, Routes, &c., have undergone a thorough revision during the last two years, and much valuable information has been collected from the following sources:—

1. Routes, Maps, and information among the Records in this Office.
2. Progress Reports of Regiments and Detachments.
3. Surveys of Officers of the Department and their Guides, specially undertaken for the book.
4. Information given by Political and Civil Officers.
5. Journals and Sketches of Officers not connected with the Department.
6. The Madras and Bengal Route-Books.

As, in spite of every care, the book doubtless contains some errors and deficiencies, any Officer who may have the means, from personal observation, of correcting them, will benefit the Service by communicating with the Quartermaster-General's Department.

To those Officers who have already taken the trouble to furnish information to the Department for this book, the Quartermaster-General offers his best thanks and acknowledgments.

G. R. S. BURROWS, Brigadier-General,  
Quartermaster-General.

*Quartermaster-General's Office, Poona,  
1st January 1876.*



## ABBREVIATIONS.

T.—Travellers' Bungalows.

P.—Post Office.

T.—Telegraph Station.

# INDEX.

## FROM AHMEDABAD.

No. or Rows.	TO	BY	Distance.		No. of Stages.
			Miles.	Furlongs.	
1	Ahoo	Besamlingpur, Rahimpoor, and Amadra	127	24	14
7 and 113	Do.	Do. and the Ghirva Pass	128	0	13
3	Do.	Deesa and Amadra	145	4	15
3 (1)	Baroda	Kaira and Morad	74	64	7
—	Do.	Mohamedabad and Morad	73	64	6
—	Barod	Shikol, Drangira, Halvad, and the Kajora ford of the			
—	Do.	Bacon	210	41	28
—	Do.	Shikol, Drangira, Halvad, and the Yessair ford	213	7	19
19 (1) and 23 (1)	Do.	Do. do. and Malha	207	6	16
—	Do.	Kurra, Rahimpoor, Ardyair, and Doodra	234	63	21
—	Do.	Veringpura, Drangira, and the Kajora ford	202	14	18
4 (1)	Barod	Barod	124	71	11
4 (1)	Do.	Kaira and Omata	119	23	10
4 (1)	Do.	Dehvan	119	01	11
5	Canbay	Kaira	89	64	6
6	Champanoor	Moonda, Dabura, and Hailola	84	8	9
7	Deesa	Kyana and Sidhpoo	83	7	9
8	Medur	Purnanj and Ahmednagar	81	7	8
9 (1)	Do.	Barod	83	6	5
9 (1)	Gogo	Dundooka and Warkala	136	03	11
9 (1)	Do.	Do. Warkala and Bhownagar	124	9	12
9 (1)	Do.	Dholia and Dundooka	126	6	12
9 (1)	Do.	Barod and Larrre	127	6	14
12 (1)	Harsola	Dehvan	96	0	3
10 (1)	Hydrabad	Rahimpoor, Nuggur Parkur, and Raona Bazar	262	34	26
10 (1)	Do.	Vesavvur, Isankota, and Wunga Bazar	342	21	29
10 (1)	Do.	Nuggur Parkur, Isankota, Milton, and Goolara			
11 (1)	Jocla Bander	Trala	251	01	26
11 (1)	Do. do	Veringpura, Drangira, and Larrre	162	72	15
12	Kaira	Do. Wadwa, and Wankaneer	178	41	16
13 (1)	Rhoon Bander	Boira	84	44	8
13 (1)	Karrakoo	Dholia, Keta, and Dholia	78	41	8
13 (1)	Do.	Nuggur Parkur, Raona Bazar, and Tolia	436	21	34
13 (1)	Do.	Do. do. Wunga Bazar, do.	422	1	23
14 (1)	Mhow	Vesavvur, Isankota, Wunga Bazar, and Tolia	414	1	33
14 (1)	Do.	Moonda, Thana, Goda, Dokad, Bhappoor, Amjheer, and			
14 (1)	Do.	Dhar	226	1	23
15 (1)	Meemach	Kupperranj, Vesvoo, Loosavara, and Dokad	244	3	23
15 (1)	Do.	Harsola, Kharwara, and Oodeypoor	231	34	21
15 (1)	Do.	Do. Morasa, Bhavara, and Parbhargh	244	3	26
15 (1)	Do.	Do. do. do. do.	226	7	21
15 (1)	Do.	Do. Dongarpoor, and Parbhargh	223	5	23
15 (1)	Do.	Do. Kharwara, and Saloombar	242	41	22
15 (1)	Do.	Do. Dongarpoor, do.	223	64	23
15 (1)	Do.	Do. Kharwara, and Oodeypoor	226	44	26
15 (1)	Do.	Do. do. do. and Kharwara	223	1	22
15 (1)	Oodeypoor	Do. and do.	123	01	14
17	Rahimpoor	Besamlingpur	86	61	9
17	Rahur	Veringpura	87	71	7
17	Purnon	Kurra	72	71	6
19	Rajpoto	Veringpura and Wadwa	193	61	13
21 (1)	Roonagum	Seemad, Shapoor, Wadwa, and Moodie	133	01	12
21 (1)	Trunkia Bander	Kurra and Putien	127	01	11
21 (1)	Do.	Kaira, Morad, Omata, and Jumbhooer	113	51	10
21 (1)	Do.	Do. Pichod, and Dehvan	58	41	9
21 (1)	Do.	Do. and Canbay	83	61	8
21 (1)	Wadwa	Veringpura	83	3	7
21 (1)	Do.	Seemad and Shapoor	70	71	6

No. or Route.	TO	BY	Distance.		No. of Miles.
			Miles.	Fathoms.	
FROM AHMEDNUGGER.					
23 (1) and 24 (2)	Ahmednugger	Barod	44	32	4
23 (1)	Ahmednugger	Tola, Aurangabad, Ajanta, and Borhanpur	210	14	17
23 (2)	Do.	Do. do. Olongdeo, and Borhanpur	211	14	17
23 (3)	Aurangabad	Do.	68	6	8
23 (4)	Borhanpur	Karnata and Borhanpur	108	8	10
23 (5)	Borhanpur	Barod, Chakra, Khandalla, Parvat, and Tanna	178	12	14
23 (6)	Do.	Do. Khand, do. do. do.	182	12	14
23 (7)	Do.	Do. Khand, do. do. do.	200	14	16
23 (8)	Do.	Jeonpur, Mahal, Ghant, and Bhawady	176	12	14
23 (9)	Do.	Shale, Mhar, Mahal, Ghant, do.	108	8	10
23 (10)	Dumana	Kolhar, Khand, Waghara Ghant, and Harad	188	12	14
23 (11)	Do.	Do. do. Baral, Ghant, Pahal, and Pahal	190	12	14
23 (12)	Dumana	Do. Shale, and Shale	90	6	7
23 (13)	Do.	Do. do. and Chakchikhar Ghant	81	6	7
23 (14)	Dumana	Khand	48	3	4
23 (15)	Jeonpur	Mongra Pahal	68	5	6
23 (16)	Do.	Aurangabad	108	8	10
23 (17)	Jeonpur	Scopa and Shale	96	7	9
23 (18)	Khand	Borhanpur and Borhanpur	212	14	17
23 (19)	Mahar	Kolhar and Khand	110	8	10
23 (20)	Mahar	Bar and Bar	124	9	11
23 (21)	Harad	Kolhar, Shale, and Shale	90	6	7
23 (22)	Barod	Barod	73	5	6
23 (23)	Borhanpur	Karnata	119	8	10
23 (24)	Borhanpur	Dumana, Scopa, and the Salpa Ghant	136	9	11
23 (25)	Do.	Barod, Pahal, and the Khand and Khand Ghant	141	9	11
23 (26)	Do.	Do. Ahmednugger, Khand, Scopa, and the Salpa Ghant	180	12	14
23 (27)	Barod	Do.	83	6	7
23 (28)	Shale	Karnata and Mahal	128	9	11
23 (29)	Do.	Do. Mahal, and Mahal	124	9	11
23 (30)	Do.	Khand and Barod	124	9	11
23 (31)	Barod	Kolhar, Mahal, Baral Ghant, Pahal, Pahal, & Chakchikhar	221	15	17
FROM ASMERGURH.					
23	Ahmednugger	Borhanpur, Ajanta, Aurangabad, and Tola	210	14	17
23	Ajanta	Borhanpur	68	5	6
23	Borhanpur	Borhanpur	190	12	14
23	Barod	Ahmadpur, Khand, Ghata Chakchikhar, and Dabhas	203	14	17
23	Barod	Do. do. do. do. do.	207	14	17
23	Dumana	Do. do. do. do. do.	177	12	14
23 (1)	Dumana	Borhanpur, Barod, Julagan, and Barod	118	8	10
23 (2)	Do.	Do. do. Bhuragan, and Amalhar	118	8	10
23 (3)	Do.	Do. do.	81	6	7
23 (4)	Borhanpur	Khand	113	8	10
23 (5)	Borhanpur	Khand and Barod	188	12	14
23 (6)	Jeonpur	The Ghata Ghant	68	5	6
23 (7)	Jeonpur	Borhanpur and Ajanta	127	9	11
23 (8)	Khand	Borhanpur	26	2	2
23 (9)	Khand	Borhanpur, Barod, Ghata, Chakra, and Shale	189	12	14
23 (10)	Mahar	Do. do. Barod, and Barod	143	9	11
23 (11)	Do.	Do. do. Bhuragan, Barod, & Barod	143	9	11
23 (12)	Do.	The Ghata Ghant	68	5	6
23 (13)	Borhanpur	Borhanpur and Moolhar	78	6	7
23 (14)	Borhanpur	Khand, Chakra, and Shale	123	9	11
23 (15)	Borhanpur	Ahmadpur, Barod, and Barod	124	9	11
23 (16)	Do.	Do. do. and Barod	120	9	11
23 (17)	Tanna Mill	Khand, Barod, and Barod	178	12	14
23 (18)	Do.	Do. do. Barod, and Khand	178	12	14
23 (19)	Do.	Do. do. do. and Barod	167	11	13
FROM BARODA.					
23	Ahmednugger	Barod and Khand	74	5	6
23	Ahmednugger	Dabhas, Ghata Chakchikhar, Khand, and Ahmadpur	203	14	17

No. or Route.	TO	BY	Distance.		No. of Stages.
			Miles.	Furlongs.	
51 (1)	Bhoj	Palnad, Limree, Wadawa, Hahwad, and Kajera Ford of the Hunn	223	4	24
51 (2)	Do.	Do. Dhalia, Shapoor, do. do.	223	1	23
4 (1)	Broach	Neemgan	55		4
52	Canahy	Omets	42		4
53	Dhoola	Drasol, Sewann, Sogurgh, and the Kondabaree Ghant	223	25	19
64, 120 and 121	Do.	Palhore, Rajpore, and Kootmuree	171	31	17
51	Havelo	Omurek, Nabore, and Kupperwari	80	31	7
53	Joorghar	Palnad, Dandoola, Jha-shua, Gaudall, and Jalpoor	218	1	30
56	Jooris Bander	Do. Idaree, and Wanlaurey	229	2	20
57	Maligaum	Broach, Sewann, Sogurgh, and the Kondabaree Ghant	223	35	21
58 (1)	Mhar	Gadra, Dohad, Jaboor, Shupwar, Amhore, and Dhar	206	1	21
58 (2)	Do.	Dahloo, Chota Gulepoor, Kootree, and Shupwar	223	3	21
58	Do.	Do. do. do. Boree, and Bhogwar	218	4	21
58 (2)	Do.	Do. do. do. Kral, and Kharo Ghant	214	7	20
59 (1)	Neemach	Gadra, Dohad, Palhore, Hathan, Jowra, and Munde-ore	227	3	26
59 (2)	Do.	Omurek, Bula-moon, Deerpore, Harwar, and Parbhagur	272	9	31
60	Ne-mahad	Deerpore, Kharwara, and Goleypore	247	4	31
61	Udeypore	Do. and do.	204	2	19
62	Deerpore	Palnad, Dandoola, Gaudall, Jalpoor, and Dhoraga	223	13	25
63	Rajpore	Do. do. and Palnad	176	7	16
4 (1) and 57	Do.	Do. Dhalia, Shapoor, and Wadawa	126	5	17
61	Hajpore	Dahloo	51	3	5
61	Bural	Broach	50	5	5
61	Tandaria Bander	Jamboree	46	2	4
61 (1)	Wadawa	Palnad and Limree	113	7	11

## FROM BELGAUM.

73 (1)	Bejapoor	Kaladgher	123	5	13
73 (2) and 121	Do.	Rahang and Hanger	123	25	23
62	Dharwar	Koteer	47	2	4
63	Goa	The Hunn Ghant	68	3	5
67	Gajendurgurh	Nargpore	102	3	9
68	Kaladgher	Kalpoor	73	4	7
69 (1)	Karwar	Kharpoor, Dader, Hattikal, Y. Kharpoor, and the Arlye Ghant	140	0	12
69 (2)	Do.	Do. do. do. Kypri Ghant, and Maltipoor	130	4	11
70	Kalpoor	Neemure	69	2	6
71	Karwar	Kharpoor, Broach, Hattikal, the Arlye Ghant, and Povalal	134	4	11
72 (1)	Malwan	The Parpore Ghant	32	0	8
72 (2)	Do.	The Hunn Ghant	31	5	9
73	Poonah	Goteor, Chikore, Karwar, Targana, and Poonawale	218	0	20
73, 172 and 210	Do.	Kalpoor, Bettara, and the Karmar Ghant	213	3	19
74 (1)	Balore	The Parpore Ghant and Virginia	16	1	8
74 (2)	Do.	The Hunn Ghant	78	3	9
75 (1)	Rumgherry	Neemure, the Phonda Ghant, and Rajpoor	174	1	15
75 (2)	Do.	Do. Kalpoor, and the Aude Ghant	143	0	13
75 (3)	Do.	Ajra, the Phonda Ghant, and Rajpoor	181	7	15
76	Bettara	Goteor, Chikore, Karwar, and Kharwar	181	5	13
70 and 172	Do.	Kharpoor, Kalpoor, and Karwar	146	1	13
77	Sewannary	The Parpore Ghant	61	2	6
78 (1)	Bhojpoor	Kaladgher and Bejapoor	181	0	18
78 (2)	Do.	Bettara, Annapoor, and Hattikal	168	1	16
79	Radheshwar	Hattikal, Kypri, and the Neemure Ghant	131	1	10
80 (1)	Victoria	Parpore Ghant	78	2	7
80 (2)	Do.	Do. do.	77	4	8
81 (1)	Vidharoy	Neemure and the Phonda Ghant	138	1	12
81 (2)	Do.	Ajra do. do.	117	1	11
81 (3)	Wagtor Bander	Se-puaco do. do.	123	8	11

## FROM BHOJ.

3 (1)	Atmehad	The Kajera Ford of the Hunn, Hahwad, Drangdra, and Mirkol	210	4	18
83 (1) and 14 (1)	Do.	Daulje Arlye, Baladipoor, and Karwar	214	6	21
83 (2)	Bahar	Halya, Sogurgh, Parwar, Veerawar, and Cholan	249	5	30
83 (3)	Do.	Do. do. do. do. Targana and Gerra	276	6	32

No of Boats.	TO	BY	DISTANCE		No of Ships
			Miles	Exchanges	
81 (1)	Baroda	The Rajpore Ford of the River, Halvad, Wadhwa Limbwa and Palnad	260	5	21
81 (2)	Do	The Rajpore Ford of the River Halvad Sirpur Dhola and Palnad	260	1	22
82 (1)	Dansa	Dooley's Arkwar and Baisimpor	108	5	17
82 (2)	Do	Do Mowra and do	108	4	17
83	Guddra	Do and Ghorebunder	88	11	7
84 (1)	Hyderabad	Vijayar and Mowra in Boat	140	6	14
84 (2)	Do	Lakpat Baddona, and Mahomed Khan in Tand	201	7	17
84 (3)	Do	Karna Baddona and Wanga Bazar	180	5	17
85	Jaidwar Bazar	Mowra	67	2	4
85 (1)	Karnar Bazar	Mowra	67	1	7
85 (2)	Karnar	Lakpat Mangarhee and Tatta	231	29	28
85 (3)	Do	Mowra Karnar and Coopers	231	4	12
85 (4)	Do	Vijayar Baddona and Tatta	228	4	23
85 (5)	Lakpat	Mowra	70	5	6
85 (6)	Mandwa	Dansa and Bura Assam	36	74	1
85 (7)	Mandwa	Karna	37	21	3
85 (8)	Mangar Parkar	Dooley and Mowra	171	4	11
85 (9)	Mandwa	Ballara and Karkhote	161	2	13
85 (10)	Epikote	Wadhwa Malla and Mowra	127	21	13
85 (11)	Ballara	Baddona Aldar in Tand and Baddona	404	0	31
85 (12)	Do	Baddona Wanga Bazar Aldar in Tand and Baddona	404	4	33
85 (13)	Thana Bazar	Aldar	57	0	8

## FROM BOMBAY

85 (1)	Akrothungar	Thana Purnell Khandaia Ghata and Seron	178	21	16
85 (2)	Do	Do do do do do	187	41	20
85 (3)	Do	Do Bherdy Malsey Ghata and Jowar	174	14	17
101 (1)	Baddona	Mowra	9	1	1
101 (2)	Baddona	Do and Ghorebunder	83	24	4
101 (3)	Bherdy	Thana	32	1	3
101 (4)	Bherdy	Mowra Ghorebunder Baddona Dansa, and Dansa	127	27	12
101 (5)	Dooley	Mowra and Mowra	113	24	8
101 (6)	Dansa	Mowra Ghorebunder Baddona and Dansa	74	24	11
101 (7)	Dooley	Thana and the Tall Ghata	113	24	10
101 (8)	Do	Do and Khark	120	78	11
101 (9)	Jowar	Bherdy	84	71	6
101 (10)	Khandia	Thana and Purnell	71	34	8
101 (11)	Khandia	Do do	108	24	19
101 (12)	Mahomed Khan	Mowra Mowra and the Amba Bazar or Fitzgerald Ghata	116	9	3
101 (13)	Do	Do do and Par	107	52	8
101 (14)	Mahomed Khan	Thana and Mowra	181	0	16
101 (15)	Mahomed Khan	Do Bherdy and Jowar	68	3	7
101 (16)	Purnell	Do do and Jowar	121	24	12
101 (17)	Purnell	Thana Purnell and Khandaia	114	54	10
101 (18)	Rohingherry	Mowra Mowra and Ghorebunder	194	41	14
101 (19)	Seron	Thana Purnell Khandaia and Ghorebunder	142	24	12
101 (20)	Seron	Thana Bherdy Baddona and Purnell (the new route)	180	78	19
101 (21)	Do	Mowra Baddona Dansa Dansa and Bherdy (the new route)	181	2	18
101 (22)	Thana	Seron	84	21	9
101 (23)	Thana Bherdy	Mowra and Baddona	48	14	8
101 (24)	Thana Bherdy	Thana	18	5	2

## FROM DAPOOLEE

104	Bherdy	Chopla Khandia Ghata Karna and Jowar	211	6	18
104 (1)	Bherdy	Khandia Wadhwa Ghata and Baddona	94	71	8
104 (2)	Bherdy	Mowra and Bherdy	112	24	8
104 (3)	Chopla	Khandia	23	17	3
104 (4)	Khandia	Do	8	49	1
104 (5)	Khandia	Chopla Bherdy Bherdy the Amba Ghata, & Bherdy	180	0	10
104 (6)	Do	Do do the Thana Ghata and Baddona	142	24	14
104 (7)	Karna	Chopla and the Khandia Ghata	94	21	8
104 (8)	Khandia	Khandia Purnell and the Amba Bazar or Fitzgerald Ghata	68	71	6
104 (9)	Do	Thana Purnell and Par	48	21	8
104 (10)	Purnell	Khandia Wadhwa Ghata Bherdy and the Karna Ghata	211	24	11

No. of Route.	TO	BY	DISTANCE.		No. of Stages.
			Miles.	Furlongs.	
108 (3)	Poono	Laturra, Poldipoor, Bendar, the Bhopa Ghant, and Khair.	86	8	8
111 (1)	Pandarpoor	Khad, Poldipoor, the Warrunda Ghant, Bhoos, & Pindlun.	103	31	18
111 (2)	Do.	Chiploon, Koonbaries Ghant, Mulharpath, Oonarna, and Maynase.	178	11	18
109	Rothagberry	Odipoon and Sungumeshwar.	98	41	8
110 (1)	Saitara	Khad, Poldipoor, the Ambos Hallie Ghant, and Mahabhar.	70	41	8
110 (3)	Do.	The Ambos Ghant.	57	11	8
110 (3)	Do.	Chiploon, the Koonbaries Ghant, and Paktan.	108	8	8
111 (1)	Shahpoo	Khad, Poldipoor, the Warrunda Ghant, Bhoos, Pindlun, and Pandarpoor.	225	7	21
111 (3)	Do.	Chiploon, Koonbaries Ghant, Mulharpath, Oonarna, and Pandarpoor.	217	41	19
112.	Vingora	Chiploon, Rajapoor, and Kunkowise.	186	21	17

## FROM DEESA.

113	Alloo	Madder and Amadra.	51	8	8
1	Almodabad	Bedipoor and Mywasa.	91	7	9
187	Ajmore	Seorobee, Kripipora, Palas, and Nyanggar.	227	14	23
116 and 39 (3)	Bahner	Dhammaya and Garra.	151	9	9
62 (1)	Bhoj	Rahdipoor, Ardyak, and Doodye.	193	8	17
83 (2)	Do.	Do. Moosae, and do.	199	6	17
121 (3)	Doonarpoor	Paharpoor and Bedir.	123	6	11
121 (1)	Bedir	Paharpoor.	68	8	8
118	Manpoo	Betrobos.	88	74	8
114	Gogo	Paktan, Veerungum, and Lameos.	314	04	19
116	Gadli	Dhammaya and Garra.	182	14	11
120	Hurda	Oonla and Beshabaggar.	88	6	23
116 (1)	Hydrabad	Seoragan, Naggar Parkur, Reema-ka Bazar, & Baidewat.	319	2	31
116 (2)	Do.	Do. Veerawa, Lakankota, and Wanga Bazar.	380	04	23
116 (3)	Do.	Sehoros, Tampas, Oonakota, and Alliyar-ka Tande.	395	41	24
117	Jeyalmeer	Bedir.	215	7	15
118	Joodpoo	Seorobee and Palas.	180	1	16
121 (1)	Khairwa	Bedir.	173	4	11
116 (1), 10 (1) and 13 (1)	Karnabee	Seoragan, Naggar Parkur, Reema Bazar, Baidewat, and Tatta.	378	04	37
119	Mandree	Rahdipoor, Ardyak, Anjar, and Moondra.	237	14	19
120	Maw	Beshabaggar, Hurda, Baspoo, Loonewara, Dolad, and Dhar.	303	21	26
121 (1)	Neemab	Bedir, Khairwa, and Oodypoor.	223	61	23
121 (2)	Do.	Do. do. and Saloonbar.	283	21	24
121 (3)	Do.	Do. Doonarpoor, and do.	282	04	23
121 (4)	Do.	Do. do. and Purlabgarh.	248	5	23
121 (5)	Do.	Seorobee, Kripipora, and the Chankarbhoo Pass.	246	6	31
116 (1) and 10 (1)	Naggar Parkur	Seoragan.	108	1	7
122	Koonbaries	Seorobee, Kripipora, Palas, and Nyanggar.	328	14	33
123	Oodypoor	Seorobee, and the Moos Pass.	142	41	12
121 (1) and 16 (1)	Do.	Paharpoor, Bedir, and Khairwa.	174	11	18
116 (3)	Oonakota	Sehoros, Tampas, and Chakras.	201	1	17
123 (1)	Paharpoor	Do.	78	8	8
124	Rajkote	Paktan, Veerungum, and Wairwa.	191	21	16
125 (1)	Bhoos	Bedir and Jeyalmeer.	364	2	24
125 (2)	Do.	Oonakota.	401	2	31
118	Seorobee	Roodir.	65	54	6
120	Tatta	Seoragan and Reema-ka Bazar.	316	0	23
	Do.	Do. and Wanga Bazar.	261	64	28

## FROM DEOLALEH.

25	Almodadgar	Hada, Shurur, and Kolar.	26	7	9
23	Douhry	The Tall Ghant and Tanna.	112	0	10
230	Kilkee	Shurur, Sangumair, and Chakran.	124	61	13
187	Mulligum	Nesek and Chakras.	75	21	7
127	Nesek	Do.	7	64	1
230	Poono	Shurur, Sangumair, and Chakran.	120	4	12
25	Tanna	The Tall Ghant.	80	21	8
123	Trishak	Nesek.	26	21	8

[illegible]

No of Rows	TO	BY	DURATION		No of Stages
			Miles	Furlongs	
116 (1)	Deena	Dakshin Ramesh Bhatt, Kugger Parkur and Soomaram	379	8	31
116 (2)	Do	Wang Bhatt, Lakshmi Veerwaw and Soomaram	384	04	32
116 (3)	Do	Alfira, In Fada, Ommerote, Lampas and Beshara	394	44	34
117 and 178	Jacobabad	Kotree, Sukra and Lakshmi	394	11	31
118	Jaya Chaman	Maspoon and KJ apna	311	05	17
119	Jodhpur	Ommerote and Beshara	334	4	18
120	Khaty Bhatt	Tatta, Kotree and Ghoshabara	314	74	10
121 (1) and 122 (1)	Khyapoor	Halla and Beshara	195	24	16
121 (2)	Do	Shikha Bhatt	108	04	20
121 (3)	Kotree	Kotree and Tatta	4	0	1
121 (4)	Kurukshetra	Kotree and Beshara	115	1	10
121 (5)	Do	Kotree and Beshara	109	3	18
121 (6)	Do	Kotree, Alfira, Jodhpur, Beshara and Beshara	109	6	19
121 (7)	Lakshmi	Do and Sukra	180	44	17
122 and 178	Maspoon Bhatt	Mahomed Khan ka Thada	55	31	8
123 (1)	Do	Darro	56	41	5
123 (2)	Duggar Parkur	De Khama and Beshara ka Bhatt	314	1	14
123 (3)	Ommerote	Alfira ka Thada	94	34	7
124 (1)	Ramesh	Halla and Beshara	208	61	17
124 (2)	Sukra	Kotree and Mahomed	90	71	8
124 (3)	Shikharpoor	Do, Sukra and Lakshmi	221	44	20
124 (4)	Do	Halla, Nalwa and Beshara	239	4	21
124 (5)	Shikhar	Do and Do	210	34	18
124 (6)	Do	Shikha Bhatt and Lakshmi ka Thada (direct)	186	14	22
124 (7)	Tatta	Kotree and Shikhar	57	04	5

FROM JACOBABAD

156 (1)	Dadar	Bugi	118	8	7
156 (2)	Do	Gundara and Stecor in	143	4 1/2	8
156 and 276	Dangharwe Khan	Kanore and Vabankot	238	5	19
156 (1)	Kahra	Dajra on the Beogee hills	129	7 1/2	10
156 (2)	Do	Pandao	181	2	11
	Do	Do and Lohara	126	2	10
157 (1)	Kharai	Gundara the Woods Pass, and Bohra	217	5	21
157 (2)	Do	Do do and Bhander	270	6	22
157 (3)	Do	Do do Panki Khura, and Zohra	235	6	23
158	Do	Dadar and Quetta	204	7	24
158	Kandkote	Hassam kee Gurioo	16	4 1/2	25
161	Dajra Gurhae	Reh u	73	6	26
165	Kanore	Kandkote	78	6	27
178	Jarkhan	Nabbeo Stak	63	4 1/2	28
278	Quetta	Dadun and the Bohn Pass	180	4	29
159	bi Karpasur	Hime joon	26	7 1/2	30
180	Salkar	Do and Sh Kanore	48	0	31

FROM JEYSULMEER

117	Dileweer	Vagaryo	26	8	6
210 and 2/5 (1)	Backseer	Pokura	197	0	14
117	Dee a	Bulwer and Garra	215	7	14
119	Hyalonal	Al y m and Albyria Tenda	218	0	14
210	Footpoor	Pokura	173	2	14
210 and 223	No avarala?	Do and Footpoor	218	0	2
L5 (1)	Boreo	Golaroo or Bardi, ib and Buntar	148	3	

FROM KAHUN.

283	Bayt	Through the Murroo Hills	140	0	11
278 (1)	Dayra		40	0	9
156 (1)	Jacobah 1	Dayra and Hussein Lo Garibee	140	74	10
176 (2)	J el roa		57	4	8
184 (2)	Phayaa		68	0	7
1ed (1) and 25.	Abekameer	Dayra and Hussein Lo Garibee	149	04	10





No. of Rivers.	TO	BY	Distances.		No. of Rivers.
			Miles.	Furlongs.	
182 (1)	Gundara	Kumber and Jhall	104	44	8
178 & 183	Hysarbad	Shewas and Kakra	186	41	17
183	Jacobabad	Doss Alloo and Khayra Garhee (along the frontier)	86	84	6
183	Khayra Garhee	Doss Alloo	82	54	4
178	Kurrachee	Shewas	234	34	36
182 (1) & 278	Qasbia	Khayra Garhee, Kinnah, Beag, Dedar, and the Bolas Pass	231	4	18
178	Sakwana	Dadoo	89	8	9
180	Sikharpoor	Kewas Dera	40	6	3
181	Sukkur	Do. and Makhleyjos	46	4	4

# FROM MALLIGAUM.

29	Almadangpur	Munmor, Koyarpur, and Kohar	110	41	8
184	Ajanta	Mohambara, Bhargum, and Gondomoo	86	7	9
45	Asseorgurh	Borokood, Brunkole, Sowda, and Doodhanpur	143	44	11
185 (1)	Aurangabad	Munmor and Bazarpoor	86	0	8
185 (2)	Do.	Kandipam and the Kassar Barre Ghaut	81	01	7
57	Baroda	The Kandahere Ghaut, Songurh Barwa, and Branch	228	34	19
180, 180, & 63	Do.	Nek, Kookaroomoos, Rajpooles, and Dabbess	218	21	20
127 & 63	Bombay	Kasht and Tama	181	6	18
87	Branch	The Kandahere Ghaut, Songurh, and Barwan	178	3	18
186	Bulwer	Lower, Abboona, the Chertane Ghaut, and Boodgura	118	14	10
187 (1)	Chopra	Dhoolia	77	9	7
187 (2)	Do.	Dharrungum	80	4	7
127	Deshlaco	Chandore and Kasht	78	51	7
141	Dhoolia	Jhargra	38	0	3
187 (3)	Dharrungum	Parole	63	0	6
188	Kookaroomoos	Gahn and Kunderbar	93	72	8
141 & 142	Mhow	Dhoolia, Shewas Ghaut, and Khail	178	41	18
48 & 46	Do.	Asseorgurh and the Shewas Ghaut	206	6	20
180	Mirjee	Jhargra and Kanda	70	04	7
23	Moos	Kopergum, Songumand, and Chakren	178	21	18
23 and 24	Do.	Almadangpur and Serwar	184	3	18
180	Rajpooles	Dhoolia and Kookaroomoos	178	6	18
191	Sawal	The Kandahere Ghaut	147	04	12
187 and 98	Tarna	Nareik and the Tall Ghaut	186	29	14

# FROM MHOW.

182	Agri	Indora, Shajikhanpoor, Bhoora, Goona, Bopwra, and Gwalior	380	3	31
14 (1)	Ahmedabad	Dhar, Amletha, Bhopwar, Doknd, Godra, Tarna, and Meondra	236	1	21
48	Asseorgurh	The Marote Ghaut	94	01	9
102 (1)	Angur	Indora and Shajikhanpoor	107	62	9
182 (2)	Do.	Do. and Oojin	81	0	18
182 (3)	Do.	Do. Bopwra, and Oojin	101	7	19
182 (4)	Do.	Do. Oojin, and Makhpoor	109	84	8
178	Bellioo	Hudia	183	6	17
85 (1)	Berada	Dhar, Amletha, Bhopwar, Jaboon, Doknd, and Godra	228	14	21
180	Bhopal	Halka Pooles, Akhta, and Bokoro	180	2	10
180	Dara	Dhar, Doknd, Looswara, Darpoor, Harrolo, and Boodangpur	882	31	28
14 (1)	Dhar	Khal and the Shewas Ghaut	147	04	12
142	Dhoolia	Indora, Shajikhanpoor, and Bhoora	186	0	18
182	Goona	Do. do. and Bopwra	229	8	28
102	Gwalior	Halka Pooles, and Unakodo	86	7	8
186	Halka	Do. do. Jeeagum, and Bhoatli	148	3	14
191	Hoshangabad	Manga and Raitan	13	6	1
182	Indora	Hudia & Bellioo	100	14	10
186 (1)	Jawra	The Shewas Ghaut	283	3	28
186	Kamptee	Indora, Oojin, Agur, Jhalu Paitan, and Makhwarra	78	14	7
190	Khandwa	Do. & do.	70	0	6
182 (2), 286, 222, & 111 (1)	Kota	The Shewas Ghaut, and Dhoolia	178	41	13
182 (3)	Makhpoor	The Shewas Ghaut and Asseorgurh	236	6	20
142 and 141	Do.	The Jam Ghaut	31	2	2
187	Mandla	Bulwer, Jawra, and Mandhoro	143	0	16
182 (1)	Kerach				

No. of Route.	TO	BY	Distance		No. of Stages.
			Miles.	Postage.	
185 (5)	Heemach	Indora, Ogjala, and Malindi	171	2	14
186 (3)	Do.	Do. do. do. and Mundakora	163	2	13
187 (1)	Do.	Do. do. do. Jorja, and Mundakora	171	4	14
188 (7)	Ogjala	Indora	48	1	4
189 (1)	Beliam	Kogla	78	1	7
190	Bogor	Hills, Papi, Auk, Solor, Bopai, and Solor	255	1	21
191	Solor	Do. do. & do.	52	2	5
192	Solor	Indora, Malindi, and Bora	248	1	21
193 (1) and 40	Strakpor	Dhar	80	1	8
194	Bora	Indora, Malindi, and Bora	151	2	14
195	Bora	Khal, Bopai, Solor, Ghari, Baka, Mundakora, and Bopai	266	7	22
196	Torja Mall	Do. and Baramala	226	2	19
<b>FROM NIEMUCH</b>					
197 (1), 121, 122 and 123	Abor	Odoypor, the Mura Pass, Baramala, and Bopai	300	7	17
198	Agri	Chitragurk, Baramala, Kharadgurk, and Baramala	264	4	21
199 and 200	Almashad	Do. and Jorja	250	2	21
201 (1)	Do.	Odoypor, Kharad, and Baramala	271	5	21
202 (1)	Do.	Parthgurk, Baramala, Baramala, and Baramala	264	3	21
203 (1)	Do.	Do. Doypor, and Baramala	263	3	21
204 (1)	Do.	Baramala, Kharad, do.	263	4	21
205 (1)	Do.	Do. Doypor, and do.	263	3	21
206 (1)	Angor	Mundakora and Auk	103	7	8
207 (1)	Do.	Baramala and Baramala	98	3	8
208	Ara	Kharad and the Chitragurk Pass	141	3	12
209	Baramala	Mundakora, Jorja, Baramala, Baramala, and Baramala	257	3	21
210 (1)	Do.	Parthgurk, Baramala, Baramala, and Baramala	273	3	27
211 (1)	Baramala	Jorja, Baramala, and Baramala	250	3	21
212 (1)	Baramala	Baramala	100	3	10
213 (1)	Baramala	Odoypor, Kharad, and Baramala	263	3	21
214 (1)	Do.	Baramala do.	263	3	21
215 (1)	Do.	Do. Doypor, do.	263	3	21
216 (1)	Do.	Parthgurk, do.	263	3	21
217	Do.	Chitragurk Pass, Baramala, and Baramala	264	3	21
218	Do.	Chitragurk Pass, Baramala, and Baramala	214	7	11
219	Do.	Kharad and the Baramala Pass	147	3	12
220	Do.	Odoypor do.	147	3	12
221 (1)	Gwar (Maur)	Kota and Baramala	264	3	21
222 (1)	Do.	Baramala, Mundakora Pass, Baramala, and Baramala	261	3	21
223 (1)	Do.	Odoypor and Baramala	195	3	18
224 (1)	Indora	Malindi and Ogjala	147	4	14
225 (1)	Jorja	Baramala and Mundakora	98	4	8
226 (1)	Do.	Baramala and Torja	103	1	10
227 (1)	Do.	Mundakora	216	3	21
228 (1)	Jorja	Chitragurk Pass, Baramala, and Baramala	267	4	21
229 (1)	Do.	Do. do.	196	3	18
230 (1)	Kota	Baramala and the Mundakora Pass	220	4	21
231 (1)	Do.	Baramala	94	3	8
232 (1)	Malindi	Baramala	98	3	8
233 (1)	Do.	Baramala	98	3	8
234 (1)	Do.	Baramala, and Baramala	163	3	17
235 (1)	Do.	Malindi, Ogjala, and Indora	171	2	14
236 (1)	Do.	Mundakora, Malindi, Ogjala, and Indora	163	2	14
237 (1)	Do.	Do. Jorja, Malindi, Ogjala, and Indora	171	4	14
238 (1)	Do.	Chitragurk, Baramala, and Baramala	261	3	21
239 (1)	Do.	Baramala and Baramala	78	3	8
240 (1)	Ogjala	Mundakora and Malindi	112	3	10
241 (1)	Do.	Solar, Malindi, and Malindi	125	3	10
242 (1)	Do.	The Chitragurk Pass	198	3	18
243 (1)	Do.	Jorja	94	3	8
244 (1)	Do.	Jorja, Baramala, Kharad, and Baramala	265	3	21
245 (1)	Do.	Do. Baramala, and Baramala	261	3	21
246 (1)	Do.	Kota and Malindi	266	3	21
247 (1)	Do.	Odoypor and the Mura Pass	148	4	14
248 (1)	Do.	Baramala, Baramala, Jorja, Baramala, Mundakora, and Baramala	250	3	21
249 (1)	Do.	Baramala	194	3	18
250 (1)	Do.	Baramala, Baramala, and Baramala	164	3	14

No. of Route.	TO	BY	Distance.		No. of Mags.
			Miles.	Furlongs.	
FROM NUSSEERABAD.					
192, 118 and 113	Aboe	Palles, Krippeora, Seerchoo, and Reodur	314	71	21
318	Agro	Jeypoor	224	71	21
16 (1)	Ahsodabad	Oddeypoor and Khatwara	226	81	26
216	Ajmore		13	04	1
218 and 304 (1)	Agar	Nasrath and Mandosore	237	9	27
222 and 226	Do.	Bombay, Kota, and Jalna Pattran	231	78	18
316	Ave	Nyanggur and Seojok	111	12	13
317 (1)	Bahawalpoor	Kagoor and Beekness	309	4	23
317 (2)	Do.	Karnool, Harol, and Khatwara	330	0	23
323 and 186	Bahoor	Jodhpoor	236	41	31
32	Barda	Oddeypoor, Khatwara, and Meerpoor	247	41	31
317 (1)	Beekness	Kagoor	163	0	14
230	Bombay	Jhalpoor	91	73	9
128	Dam	Nyanggur, Palles, Krippeora, and Seerchoo	226	13	23
215	Dehl	Banot, Kota, and Bawara	236	6	21
319	Deoleo	Bawara	66	81	6
132 and 118	Krippeora	Palles	146	5	16
230	Goon	Bombay and Kota	228	13	21
321	Gualior (Moor)	Berra Lomha, Diggor, Jullah, Khonahguch, and Khatwara	218	6	23
218 and 317 (1)	Harol	Kota and Karnool	240	04	27
316	Jeypoor	Khatwara	81	81	7
225 and 210	Jeyshammer	Jodhpoor	278	0	24
323	Jhalna Pattran	Bombay and Kota	171	86	14
323	Jodhpoor	Khatwara	113	6	10
230	Jhalpoor	Bawara	61	73	8
317 (1) and 318 (3)	Khatwara	Kagoor and Beekness	370	0	23
220	Kota	Bombay	116	73	11
313 and 196 (1)	Mhow	Nasrath	227	7	23
317 (1)	Kagoor	Bahra	94	0	8
313	Nasrath	Bahra	84	3	13
16 (1)	Oddeypoor	Bangalore and Balthara	146	8	12
223 and 310	Palles	Nyanggur, Chaudhary, and Seojok	97	42	11
234	Pokara	Jodhpoor	309	0	19
128 and 118	Seerchoo	Kota and Seerj	249	23	23
223	Shahjehanpoor	Nyanggur, Chaudhary, Palles, and Meerpoor	180	41	17
316 and 317 (3)	Shra	Bombay, Kota, Jalna Pattran, and Aggar	223	21	27
326	Tank	Kota, Karnool, and Harol	223	4	27
		Powless	73	42	7
FROM POONA.					
31	Ahmednagar	Soroor	78	69	5
227	Barras	Palles, Indrapoor, and Tambourao	123	04	13
229	Bejpoor	Bombay, Pholion, and Punderpoor	191	1	18
240, 172, and 70	Belgaum	Bathura and Kolpoor	218	23	20
78	Do.	Poonawale, Taggaon, Kagwar, Chikara, and Gotoor	218	04	20
223	Cherady	Chowk and Harol	300	11	9
89	Bombay	Khatwara, Parwell, and Tanna	114	61	19
230	Chikara	Kirkas	20	14	8
230	Deoleo	Nasrathgum, Sangamnah, and Shiner	129	4	22
227	Indrapoor	Palles	83	44	8
231	Jooner	Chikara and Nasrathgum	84	12	4
86	Khatwara	Kirkas, Wargum, and Kirkas	48	13	4
230	Kirkas	The Walleys bridge	4	54	1
233	Mahabharat	The Khatra and Khatra Ghant, Wase and Panch-			
		gany	79	14	7
233	Malligum	Chikara, Sangamnah, and Kopergaon	170	21	13
31 and 30	Do.	Ahmednagar and Soroor	164	3	13
331	Mandar Deo	The Khatra Ghant and Sorole bridge	43	01	3
230 and 37	Mishra	Khatwara, The Bore Ghant, Wargum, and Harol	80	24	7
331 (1)	Nagarna	The Bore Ghant and Pann	87	24	9
236 (3)	Do.	Do. do. and Jamboodipara	80	24	7
336 (3)	Do.	The Garbawale Ghant	61	04	6
236	Khatwara	Chikara, Nasrathgum, Sangamnah, and Shiner	129	21	19
39	Odra	The Bore Ghant and Parwell	77	0	7
237	Odra	Do.	83	8	7
39	Parwell	Do.	71	6	6
238	Pann	Do.	66	74	7

No. or Route	TO	BY	DISTANCE.		No. of Stages.
			Miles.	Parangs.	
220	Poorundheer	The Deera Ghant and Sasoor	12	4	3
"	Do	The Bardo Ghant	12	4	3
225	Pandegany	The Katri and Kanakhe Ghants and Wao	12	4	3
226	Pandegany	Japoor and Pindia	12	4	11
227	Sasoor	The Deera Ghant	12	4	3
230	Satara	The Katri and Kanakhe Ghants (new road)	12	4	3
73 and 23 (1)	Do	The Deera Ghant, Japoor, Woor Bridge, and the Bajan Ghant	12	4	3
241	Shikpoor	Lachpur	12	4	7
242	Shikpoor	Parsai and Kharakwala	12	4	14
243	Shikpoor	The Bardo Ghant, Woor Bridge, Gullin	12	4	1
244 and 101 (1)	Do	Kamak, Poot, Pindia, and Oradeva	12	4	26
245, 24 (2), and 24	Do	The Bardo Ghant and Pindia	12	4	2
246	Wao	The Katri and Kanakhe Ghants	12	4	5
FROM POORUNDEUR.					
250	Poor	Sasoor and the Deera Ghant	12	4	3
"	Do	The Bardo Ghant	12	4	3
251	Satara	Satara, Kharak, and the Kanakhe Ghant	12	4	3
FROM RAJKOTE.					
19	Almohad	Wadwa and Yarnagum	12	4	13
20, 11 (2), 22, and 3 (1)	Do	Machia, Wadwa, Shikpoor and, Sasoor	12	4	15
21	Barda	Pindia, Dandoka, and Pindia	12	4	19
22	Do	Wadwa, Shikpoor, Machia, and Pindia	12	4	17
23	Dam	Do Yarnagum, and Pindia	12	4	18
24	Do	Begum	12	4	18
25	Darwa	Kharakwala	12	4	18
26	Goo	Bardha, Bala, and Wadwa	12	4	18
27	Yarnagum	Japoor	12	4	17
28	Joomgum	Gundali	12	4	6
29 (1)	Joomgum	Dharwad	12	4	3
30 (2)	Do	Morva	12	4	3
31 (1)	Do	Wadwa	12	4	7
32 (2)	Do	Dharwad	12	4	7
33 (1)	Do	Wadwa	12	4	7
34 (2)	Do	Dharwad	12	4	7
35 (1)	Do	Wadwa	12	4	7
36 (2)	Do	Dharwad	12	4	7
37 (1)	Do	Wadwa	12	4	7
38 (2)	Do	Dharwad	12	4	7
39 (1)	Do	Wadwa	12	4	7
40 (2)	Do	Dharwad	12	4	7
41 (1)	Do	Wadwa	12	4	7
42 (2)	Do	Dharwad	12	4	7
43 (1)	Do	Wadwa	12	4	7
44 (2)	Do	Dharwad	12	4	7
45 (1)	Do	Wadwa	12	4	7
46 (2)	Do	Dharwad	12	4	7
47 (1)	Do	Wadwa	12	4	7
48 (2)	Do	Dharwad	12	4	7
49 (1)	Do	Wadwa	12	4	7
50 (2)	Do	Dharwad	12	4	7
51 (1)	Do	Wadwa	12	4	7
52 (2)	Do	Dharwad	12	4	7
53 (1)	Do	Wadwa	12	4	7
54 (2)	Do	Dharwad	12	4	7
55 (1)	Do	Wadwa	12	4	7
56 (2)	Do	Dharwad	12	4	7
57 (1)	Do	Wadwa	12	4	7
58 (2)	Do	Dharwad	12	4	7
59 (1)	Do	Wadwa	12	4	7
60 (2)	Do	Dharwad	12	4	7
61 (1)	Do	Wadwa	12	4	7
62 (2)	Do	Dharwad	12	4	7
63 (1)	Do	Wadwa	12	4	7
64 (2)	Do	Dharwad	12	4	7
65 (1)	Do	Wadwa	12	4	7
66 (2)	Do	Dharwad	12	4	7
67 (1)	Do	Wadwa	12	4	7
68 (2)	Do	Dharwad	12	4	7
69 (1)	Do	Wadwa	12	4	7
70 (2)	Do	Dharwad	12	4	7
71 (1)	Do	Wadwa	12	4	7
72 (2)	Do	Dharwad	12	4	7
73 (1)	Do	Wadwa	12	4	7
74 (2)	Do	Dharwad	12	4	7
75 (1)	Do	Wadwa	12	4	7
76 (2)	Do	Dharwad	12	4	7
77 (1)	Do	Wadwa	12	4	7
78 (2)	Do	Dharwad	12	4	7
79 (1)	Do	Wadwa	12	4	7
80 (2)	Do	Dharwad	12	4	7
81 (1)	Do	Wadwa	12	4	7
82 (2)	Do	Dharwad	12	4	7
83 (1)	Do	Wadwa	12	4	7
84 (2)	Do	Dharwad	12	4	7
85 (1)	Do	Wadwa	12	4	7
86 (2)	Do	Dharwad	12	4	7
87 (1)	Do	Wadwa	12	4	7
88 (2)	Do	Dharwad	12	4	7
89 (1)	Do	Wadwa	12	4	7
90 (2)	Do	Dharwad	12	4	7
91 (1)	Do	Wadwa	12	4	7
92 (2)	Do	Dharwad	12	4	7
93 (1)	Do	Wadwa	12	4	7
94 (2)	Do	Dharwad	12	4	7
95 (1)	Do	Wadwa	12	4	7
96 (2)	Do	Dharwad	12	4	7
97 (1)	Do	Wadwa	12	4	7
98 (2)	Do	Dharwad	12	4	7
99 (1)	Do	Wadwa	12	4	7
100 (2)	Do	Dharwad	12	4	7
101 (1)	Do	Wadwa	12	4	7
102 (2)	Do	Dharwad	12	4	7
103 (1)	Do	Wadwa	12	4	7
104 (2)	Do	Dharwad	12	4	7
105 (1)	Do	Wadwa	12	4	7
106 (2)	Do	Dharwad	12	4	7
107 (1)	Do	Wadwa	12	4	7
108 (2)	Do	Dharwad	12	4	7
109 (1)	Do	Wadwa	12	4	7
110 (2)	Do	Dharwad	12	4	7
111 (1)	Do	Wadwa	12	4	7
112 (2)	Do	Dharwad	12	4	7
113 (1)	Do	Wadwa	12	4	7
114 (2)	Do	Dharwad	12	4	7
115 (1)	Do	Wadwa	12	4	7
116 (2)	Do	Dharwad	12	4	7
117 (1)	Do	Wadwa	12	4	7
118 (2)	Do	Dharwad	12	4	7
119 (1)	Do	Wadwa	12	4	7
120 (2)	Do	Dharwad	12	4	7
121 (1)	Do	Wadwa	12	4	7
122 (2)	Do	Dharwad	12	4	7
123 (1)	Do	Wadwa	12	4	7
124 (2)	Do	Dharwad	12	4	7
125 (1)	Do	Wadwa	12	4	7
126 (2)	Do	Dharwad	12	4	7
127 (1)	Do	Wadwa	12	4	7
128 (2)	Do	Dharwad	12	4	7
129 (1)	Do	Wadwa	12	4	7
130 (2)	Do	Dharwad	12	4	7
131 (1)	Do	Wadwa	12	4	7
132 (2)	Do	Dharwad	12	4	7
133 (1)	Do	Wadwa	12	4	7
134 (2)	Do	Dharwad	12	4	7
135 (1)	Do	Wadwa	12	4	7
136 (2)	Do	Dharwad	12	4	7
137 (1)	Do	Wadwa	12	4	7
138 (2)	Do	Dharwad	12	4	7
139 (1)	Do	Wadwa	12	4	7
140 (2)	Do	Dharwad	12	4	7
141 (1)	Do	Wadwa	12	4	7
142 (2)	Do	Dharwad	12	4	7
143 (1)	Do	Wadwa	12	4	7
144 (2)	Do	Dharwad	12	4	7
145 (1)	Do	Wadwa	12	4	7
146 (2)	Do	Dharwad	12	4	7
147 (1)	Do	Wadwa	12	4	7
148 (2)	Do	Dharwad	12	4	7
149 (1)	Do	Wadwa	12	4	7
150 (2)	Do	Dharwad	12	4	7
151 (1)	Do	Wadwa	12	4	7
152 (2)	Do	Dharwad	12	4	7
153 (1)	Do	Wadwa	12	4	7
154 (2)	Do	Dharwad	12	4	7
155 (1)	Do	Wadwa	12	4	7
156 (2)	Do	Dharwad	12	4	7
157 (1)	Do	Wadwa	12	4	7
158 (2)	Do	Dharwad	12	4	7
159 (1)	Do	Wadwa	12	4	7
160 (2)	Do	Dharwad	12	4	7
161 (1)	Do	Wadwa	12	4	7
162 (2)	Do	Dharwad	12	4	7
163 (1)	Do	Wadwa	12	4	7
164 (2)	Do	Dharwad	12	4	7
165 (1)	Do	Wadwa	12	4	7
166 (2)	Do	Dharwad	12	4	7
167 (1)	Do	Wadwa	12	4	7
168 (2)	Do	Dharwad	12	4	7
169 (1)	Do	Wadwa	12	4	7
170 (2)	Do	Dharwad	12	4	7
171 (1)	Do	Wadwa	12	4	7
172 (2)	Do	Dharwad	12	4	7
173 (1)	Do	Wadwa	12	4	7
174 (2)	Do	Dharwad	12	4	7
175 (1)	Do	Wadwa	12	4	7
176 (2)	Do	Dharwad	12	4	7
177 (1)	Do	Wadwa	12	4	7
178 (2)	Do	Dharwad	12	4	7
179 (1)	Do	Wadwa	12	4	7
180 (2)	Do	Dharwad	12	4	7
181 (1)	Do	Wadwa	12	4	7
182 (2)	Do	Dharwad	12	4	7
183 (1)	Do	Wadwa	12	4	7
184 (2)	Do	Dharwad	12	4	7
185 (1)	Do	Wadwa	12	4	7
186 (2)	Do	Dharwad	12	4	7
187 (1)	Do	Wadwa	12	4	7
188 (2)	Do	Dharwad	12	4	7
189 (1)	Do	Wadwa	12	4	7
190 (2)	Do	Dharwad	12	4	7
191 (1)	Do	Wadwa	12	4	7
192 (2)	Do	Dharwad	12	4	7
193 (1)	Do	Wadwa	12	4	7
194 (2)	Do	Dharwad	12	4	7
195 (1)	Do	Wadwa	12	4	7
196 (2)	Do	Dharwad	12	4	7
197 (1)	Do	Wadwa	12	4	7
198 (2)	Do	Dharwad	12	4	7
199 (1)	Do	Wadwa	12	4	7
200 (2)	Do	Dharwad	12	4	7

No. of Route.	TO	BY	Distance.		No. of Stages.
			Miles.	Fathoms.	
FROM SATTARA.					
38 (1)	Ahmednuggur	The Salpe Ghant, Neera Bridge, Soopa, and Dhand	138	04	11
240 and 81	Do.	The Karmatke and Karmatke Ghanta, Poona, and Seroor	141	04	12
289	Bejapoor	Poonaswica, Khamapoor, and Jala	133	04	11
110 (1) and 94 (1)	Bombay	Mainabhatpur, the Fitzgerald Ghant, Mhar, and Nagotia	148	06	11
110 (1)	Deposits	Do. do. Palsapoor, and Khad	99	44	9
166	Kaladighe	Tangara, Terdal, and Moodhol	185	7	13
172	Kolapoor	Kurur	78	44	7
179	Karnat	Omaru	81	64	3
110 (1)	Mainabhatpur	Makra and Kaligurk	88	8	3
110 (1), 94 (1), 226 (1), and 228	Parwall	Mainabhatpur, Mhar, Nagotia, and Pann	148	8	14
240	Poon	The Karmatke and Karmatke Ghanta (now road)	67	4	6
23 (1) and 73	Do.	The Salpe Ghant, Neera Bridge, Jajpore, and the Dwaru Ghant	73	44	7
230	Do.	The Karmatke Ghant, Sakur Khind, and the Dwaru Ghant	74	34	8
261	Poorundhar	Do. do. Kikree, and the Sakur Khind	82	4	8
261	Do.	Do. do. and Kaldharre	43	44	5
263	Punderpoor	Mawad	91	04	7
263 (1)	Rumanghery	Mulhar Pali and the Koombarie Ghant	116	84	11
263 (2)	Do.	The Mulla Ghant	88	14	9
263 (3)	Do.	The North Terna Ghant and Orpicon	88	6	8
263 (4)	Seroor	The Salpe Ghant, Neera Bridge, Soopa, Kalyana, and Alkayana	89	44	8
263	Thakpoor	Mawad and Punderpoor	130	84	11
FROM SEROOR.					
23 (1)	Ahmednuggur	Tam	33	04	3
23 (2)	Alkayana		18	3	1
23 (3)	Bombay	Osham, Khindale, Parwall, and Terna	148	44	13
23 (4)	Do.	Kikree, do. do. do.	149	44	13
264	Joomas	Kovata and Karmatke	45	0	4
22 (3), 23 (1), 73, 163, & 163	Kaladighe	Soopa, Neera Bridge, Deoor, Poonaswica, Tangara, Terdal, and Moodhol	288	73	23
23 (5)	Kikree	Lower	38	04	3
23 (6)	Poon	Do.	40	64	3
23 (7)	Sattara	Alkayana, Kalyana, Soopa, Neera Bridge, and the Salpe Ghant	89	44	8
238 and 241	Shakpoor	Oshambergandah, Raman, Tambournee, and Mohol	136	74	13
256	Tambournee	Do. & do.	84	74	7
FROM SHOLAPOOR.					
23 (1)	Ahmednuggur	Mohol and Karmatke	136	44	11
23 (2)	Do.	Burree and Khurda	124	7	11
254	Alkayana		24	0	3
78 (1)	Bejapoor	Takha and Horra	61	0	6
78 (2)	Belgaum	Bejapoor and Kaladighe	194	8	18
78 (3)	Do.	Belgaum, Asnapoor, and Bybang	160	14	16
265 (1)	Bellary	Indra, Moodabhat, and Tangara	214	74	19
265 (2)	Do.	Bejapoor, Bagalwara, and Tangara	222	8	21
111 (1)	Deposits	Punderpoor, Phulbar, Bhora, the Wurrunda Ghant, Palsapoor and Khad	230	7	22
111 (2)	Do.	Do. Omaru, Mulhar Pali, Koombarie Ghant and Orpicon	217	44	19
266	Jarale	Burree and Dand	167	84	15
78 (3)	Kaladighe	Bejapoor	111	1	11
174	Kolapoor	Mawad	142	74	13
237	Mohabhat (Ambarjogas)	Thakpoor	83	74	7
251	Poon	Thakpoor	180	74	14
252	Sattara	Punderpoor and Mawad	180	84	11
258	Secondharad	Makrur and Mawad	191	74	17
241 & 253	Seroor	Mohol, Tambournee, Raman and Oshambergandah	180	74	13

No. of Boats.	TO	BY	Distance.		No. of Hajis.
			Miles.	Percentage.	
FROM SHIKARPOOR.					
272, 127 (1), & 124 (1)	Dadar	Rajni, Barahora, and Bhag	127	4	2
269	Hansa-ka-Ghar	Meerpoor	23	0	2
120	Jacobabad	Hansayon	26	0	2
260 & 126 (1)	Kalun	Hansa-ka-Ghar and Deyra	123	0	12
272	Khalat	Jacobabad, Dadar, the Bikan Pass, Qattia, and Moostong	226	0	27
273 & 127 (1)	Do	Rajni, Gaudara, the Middle Pass, and Sakrab	271	7	23
270	Khyra Ghar	Chorlat	44	2	4
271	Kundlota	Meerpoor	45	2	4
272	Kamroo	Chorpoor	28	2	4
268	Larkhana	Bora Dera	40	6	3
273	Rajni	Jagun and Janderera	26	1	3
129	Saklar	Lakhi	22	0	2
FROM SUKKUR.					
274	Bahawipoor	Bora, Bohankota, Kharpoor, and Ansoipoor	224	4	20
275 (1)	Bahawipoor	Bora, Jeyalwara, Pakura, and Phalwada	217	2	22
276 (2)	Do	Do, Behrwara, Kharpoor, and Kora Kote	248	2	22
272, 127 (1), & 124 (1)	Dadar	Sakrakota, Rajni, Barahora, and Bhag	123	0	12
125 (1)	Dera	Jeyalwara and Bahar	264	4	26
273	Dera Ghansa Khan	Kamroo and Mathankot	225	2	12
124 (1)	Hyderabad	Norahm and Hale	210	2	12
124 (2)	Do	Lodhara ka-Tanda and Shajjo Bhai	183	1	22
277	Imamganj	Deyra-ka-Kota	112	0	11
128	Jacobabad	Sakrakota	48	0	6
129, 269 & 126 (1)	Kalun	Do, Hansa-ka-Ghar, and Deyra	121	1	12
278	Khalat	Jacobabad, Dadar, the Bikan Pass, Qattia, and Moostong	267	7	20
129, 272, & 127 (1)	Do	Do, Rajni, Gaudara, the Middle Pass, and Sakrab	223	7	26
273 & 278	Kamroo	Larkhana and Sakrab	225	2	22
271	Kundlota	Chorpoor	27	0	2
272	Larkhana	Mudharyn	28	4	4
274	Qattia	Sakrakota, Jacobabad, Dadar, and the Bikan Pass	247	4	20
121 and 128	Bahar	Larkhana	1	6	1
129	Sakrab	Lakhi	12	1	12
	Sakrakota	Lakhi	22	0	2
FROM SURAT.					
272, 4 (1), & 2	Almohad	Branch and Baroda	123	4	12
273 & 1 (2)	Do	Do, Dekwan, and Kalun	128	2	12
274 & 1 (1)	Baroda	Branch	20	2	2
101 (1)	Bombay	Paldia, Dugwara, Bhawadi, and Thana (the lower route)	160	7	12
101 (2)	Do	Bahar, Daman, Dango, Bawda, and Mithra (the lower route)	121	2	12
279	Branch	Kan Gohar	45	1	12
280	Canbay	Branch and Dekwan	12	1	12
24, 24 (1), & 25	Deshkai	Paldia, Purni, and Kamik	145	1	12
101 & 24	Dhoolia	Sonejari and the Kumbharas Ghant	141	1	12
121	Mahagan	Do	117	0	12
201	Mhow	Do, Kundoor, Shada, Shodra Ghant, Rajpoor, and Khat	223	2	22
24 & 24 (2)	Kawik	Paldia, Purni, and the Bawal Ghant	127	0	12
101 (1) and 229	Poon	Paldia, Dugwara, Bhawadi, Nara, Wondal, and the Bhoro Ghant	222	0	12
24, 24 (2), and 226	Do	Gaudara, Paldia, Purni, Kanki, and Sangunwar	222	2	12
FROM TATTA.					
121 (1)	Hyderabad	Jharak and Kotra	27	0	2
281	Jacobabad	Kotla and Ghorahara	28	0	2
282 (1)	Khaty Bander	Meerpoor Sakra and Bahar	21	7	2
282 (2)	Do	Meerpoor Sakra and Bahar	21	7	2
121 (2)	Kamroo	Gara and Janderera-ka-Land	22	0	2

LIST OF CIVIL AND MILITARY STATIONS IN THE BOMBAY PRESIDENCY, SHOWING THE  
SPELLING OF THE NAMES TO BE ADOPTED.

Aden.	Deolli.	Kotli.	Rajput.
Ahmedabad.	Dharwadgaon.	Kutchin or Karachi.	Ratnagiri.
Ahmednagar.	Dharwar.	Mahabliakwar.	Sadra.
Astrabad.	Dhruva.	Masgaon.	Sakara.
A'gar.	Dindra.	Matheson.	Semra Ward.
Baroda.	Durbin.	Mahidpur.	Strat.
Belgaum.	Gidari.	Mhow.	Shikarpur.
Bijl.	Gogo.	Mumt Abu.	Shikhar.
Bijapur or Viskapur.	Hyderabad.	Nasik.	Surat.
Bombay.	Indora.	Nemachi.	Tanna.
Bromh.	Jacobabad.	Nasrabad.	Tinguri.
Berda Chold.	Kaba.	Pakpur.	Thar and Pichur.
Camlay.	Kaidgi.	Patni.	Tikal.
Colaba.	Karwar.	Petna.	Vinguria.
Coompa.	Khandwa.	Poona.	
Dapoli.	Kirlos.	Portander.	
Deesa.	Kolhapur.	Punadhar.	



## RAILWAYS IN THE BOMBAY PRESIDENCY.

## GREAT INDIAN PENINSULA RAILWAY.

BOMBAY TO LAMPUR		LAMPUR TO BOMBAY		BOMBAY TO HAMIR		HAMIR TO BOMBAY	
Station	Miles to Bombay	Station	Miles to Bombay	Station	Miles to Bombay	Station	Miles to Bombay
Bombay (Bore Bunder)		Jalgaon	80	Bombay to		Hamir	
Byroad	24	Lurgay	16	Bhambal Junction	278	Bore	141
Chandrapur	31	Shapur	32	Waranangon	284	Shadi	2
Faral Station	41	Chandrapur	41	Shapur	292	Parwar	40
Dadar	51	Kankai	51	Khandahad	301	Wardha	49
Bora	61	Kankai	61	Malikpur	307	Dagun	57
Kankai	71	Kankai	71	Bawa Bridge	312	Palgaon	67
Hamir	81	Kankai	81	Hamir	314	Dharmangon	75
Hamir	91	Kankai	91	Jalgaon	321	Chandrapur	82
Hamir	101	Kankai	101			Bore	147
Hamir	111	Kankai	111				
Hamir	121	Kankai	121				
Hamir	131	Kankai	131				
Hamir	141	Kankai	141				
Hamir	151	Kankai	151				
Hamir	161	Kankai	161				
Hamir	171	Kankai	171				
Hamir	181	Kankai	181				
Hamir	191	Kankai	191				
Hamir	201	Kankai	201				
Hamir	211	Kankai	211				
Hamir	221	Kankai	221				
Hamir	231	Kankai	231				
Hamir	241	Kankai	241				
Hamir	251	Kankai	251				
Hamir	261	Kankai	261				
Hamir	271	Kankai	271				
Hamir	281	Kankai	281				
Hamir	291	Kankai	291				
Hamir	301	Kankai	301				
Hamir	311	Kankai	311				
Hamir	321	Kankai	321				
Hamir	331	Kankai	331				
Hamir	341	Kankai	341				
Hamir	351	Kankai	351				
Hamir	361	Kankai	361				
Hamir	371	Kankai	371				
Hamir	381	Kankai	381				
Hamir	391	Kankai	391				
Hamir	401	Kankai	401				
Hamir	411	Kankai	411				
Hamir	421	Kankai	421				
Hamir	431	Kankai	431				
Hamir	441	Kankai	441				
Hamir	451	Kankai	451				
Hamir	461	Kankai	461				
Hamir	471	Kankai	471				
Hamir	481	Kankai	481				
Hamir	491	Kankai	491				
Hamir	501	Kankai	501				
Hamir	511	Kankai	511				
Hamir	521	Kankai	521				
Hamir	531	Kankai	531				
Hamir	541	Kankai	541				
Hamir	551	Kankai	551				
Hamir	561	Kankai	561				
Hamir	571	Kankai	571				
Hamir	581	Kankai	581				
Hamir	591	Kankai	591				
Hamir	601	Kankai	601				
Hamir	611	Kankai	611				
Hamir	621	Kankai	621				
Hamir	631	Kankai	631				
Hamir	641	Kankai	641				
Hamir	651	Kankai	651				
Hamir	661	Kankai	661				
Hamir	671	Kankai	671				
Hamir	681	Kankai	681				
Hamir	691	Kankai	691				
Hamir	701	Kankai	701				
Hamir	711	Kankai	711				
Hamir	721	Kankai	721				
Hamir	731	Kankai	731				
Hamir	741	Kankai	741				
Hamir	751	Kankai	751				
Hamir	761	Kankai	761				
Hamir	771	Kankai	771				
Hamir	781	Kankai	781				
Hamir	791	Kankai	791				
Hamir	801	Kankai	801				
Hamir	811	Kankai	811				
Hamir	821	Kankai	821				
Hamir	831	Kankai	831				
Hamir	841	Kankai	841				
Hamir	851	Kankai	851				
Hamir	861	Kankai	861				
Hamir	871	Kankai	871				
Hamir	881	Kankai	881				
Hamir	891	Kankai	891				
Hamir	901	Kankai	901				
Hamir	911	Kankai	911				
Hamir	921	Kankai	921				
Hamir	931	Kankai	931				
Hamir	941	Kankai	941				
Hamir	951	Kankai	951				
Hamir	961	Kankai	961				
Hamir	971	Kankai	971				
Hamir	981	Kankai	981				
Hamir	991	Kankai	991				
Hamir	1001	Kankai	1001				

# RAILWAYS.

## GRANAT INDIAN PENINSULA RAILWAY.

BOMBAY TO JUMBERSHORE.		JUMBERSHORE TO BOMBAY.		BOMBAY TO JUMBERSHORE—contd.		JUMBERSHORE TO BOMBAY—contd.	
Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.
Bombay (Bori Bunder)	—	Jumbhore	—	Phulki	871	Bellary	515
Mangal	3	Molur	6	Kharjuri	897	Phulki	519
Byronia	4	Miraj (for Marbo Roaka)	10	Palkes	406	Ghat	525
Chhatrapati	5	Shapur	19	Haris	418	Ingapur	531
Par	6	Satli	26	Tharad	436	Talghat	535
Dadar	8	Chhatrapati	33	Pagadli	434	Kankra	541
Shor	10	Kankar Dal	43	Satli	438	Unbarnali	545
Kankar	18	Narainapur	52	Dharmkand	448	Thalind	549
Ghat-Cooper	23	Kankar (for Sanger)	62	Dakitya	454	Atapca	553
Shapur	27	Bohadi	72	Idaral (Hoshingabad)	464	Rahatpur	557
Tharad	31	Gidarkwara (Jumbershore)	80	Rampar	470	Vindal	563
Diva	37	Bohadi	89	Bohadi	480	Chhatrapati	571
Dombivli Gate	44	Samkhal	99	Satli	484	Thirina	576
Kalyan (Jumbershore)	50	Pipariya (Pachmarhi)	111	Solapur	498	Kalyan (Jumbershore with A. M. Line)	580
Thirina	54	Solapur	122	Pipariya (Pachmarhi)	504	Dombivli Gate	586
Kharjuri	58	Samkhal	132	Samkhal	517	Diva	590
Vindal	64	Bohadi	138	Bohadi	527	Tharad	594
Shapur	68	Gidarkwara (Jumbershore)	144	Gidarkwara (Jumbershore)	537	Phulki	598
Thalind	72	Idaral (Hoshingabad)	152	Bohadi	544	Ghat-Cooper	602
Kankar	78	Kankar (for Sanger)	160	Kankar (for Sanger)	554	Kankar	606
Unbarnali	82	Narainapur	168	Narainapur	578	Shapur	610
Kankar Dal	86	Kankar Dal	178	Kankar Dal	583	Dadar	614
Talghat	90	Chhatrapati	188	Chhatrapati	590	Phulki	618
Ingapur	94	Tharad	199	Shapur	597	Chhatrapati	622
Ghat	97	Palkes	204	Miraj (for Marbo Roaka)	608	Byronia	626
Phulki	101	Molur	211	Molur	618	Mangal	630
Bellary	109	Kharjuri	219	Jumbhore	618	Bombay (Bori Bunder)	634
Lahuri	121	Phulki	226				
Dombivli Bazaar Siding	123	Kankar	230				
Nasik Road	127	Ghat	236				
Kharjuri	130	Bohadi	242				
Shapur	136	Kharjuri	247				
Lahuri	147	Phulki	253				
Satli	150	Kharjuri	259				
Miraj (Jumbershore) and Miraj Railway.	153	Dombivli	270				
Haridol	158	Dombivli	277				
Shapur	171	Ghat	283				
Phulki	176	Miraj	288				
Phulki	181	Miraj	294				
Phulki	186	Chhatrapati	300				
Phulki	191	Chhatrapati	306				
Phulki	196	Chhatrapati	312				
Phulki	201	Chhatrapati	318				
Phulki	206	Chhatrapati	324				
Phulki	211	Chhatrapati	330				
Phulki	216	Chhatrapati	336				
Phulki	221	Chhatrapati	342				
Phulki	226	Chhatrapati	348				
Phulki	231	Chhatrapati	354				
Phulki	236	Chhatrapati	360				
Phulki	241	Chhatrapati	366				
Phulki	246	Chhatrapati	372				
Phulki	251	Chhatrapati	378				
Phulki	256	Chhatrapati	384				
Phulki	261	Chhatrapati	390				
Phulki	266	Chhatrapati	396				
Phulki	271	Chhatrapati	402				
Phulki	276	Chhatrapati	408				
Phulki	281	Chhatrapati	414				
Phulki	286	Chhatrapati	420				
Phulki	291	Chhatrapati	426				
Phulki	296	Chhatrapati	432				
Phulki	301	Chhatrapati	438				
Phulki	306	Chhatrapati	444				
Phulki	311	Chhatrapati	450				
Phulki	316	Chhatrapati	456				
Phulki	321	Chhatrapati	462				
Phulki	326	Chhatrapati	468				
Phulki	331	Chhatrapati	474				
Phulki	336	Chhatrapati	480				
Phulki	341	Chhatrapati	486				
Phulki	346	Chhatrapati	492				
Phulki	351	Chhatrapati	498				
Phulki	356	Chhatrapati	504				
Phulki	361	Chhatrapati	510				
Phulki	366	Chhatrapati	516				
Phulki	371	Chhatrapati	522				
Phulki	376	Chhatrapati	528				
Phulki	381	Chhatrapati	534				
Phulki	386	Chhatrapati	540				
Phulki	391	Chhatrapati	546				
Phulki	396	Chhatrapati	552				
Phulki	401	Chhatrapati	558				
Phulki	406	Chhatrapati	564				
Phulki	411	Chhatrapati	570				
Phulki	416	Chhatrapati	576				
Phulki	421	Chhatrapati	582				
Phulki	426	Chhatrapati	588				
Phulki	431	Chhatrapati	594				
Phulki	436	Chhatrapati	600				
Phulki	441	Chhatrapati	606				
Phulki	446	Chhatrapati	612				
Phulki	451	Chhatrapati	618				
Phulki	456	Chhatrapati	624				
Phulki	461	Chhatrapati	630				
Phulki	466	Chhatrapati	636				
Phulki	471	Chhatrapati	642				
Phulki	476	Chhatrapati	648				
Phulki	481	Chhatrapati	654				
Phulki	486	Chhatrapati	660				
Phulki	491	Chhatrapati	666				
Phulki	496	Chhatrapati	672				
Phulki	501	Chhatrapati	678				
Phulki	506	Chhatrapati	684				
Phulki	511	Chhatrapati	690				
Phulki	516	Chhatrapati	696				
Phulki	521	Chhatrapati	702				
Phulki	526	Chhatrapati	708				
Phulki	531	Chhatrapati	714				
Phulki	536	Chhatrapati	720				
Phulki	541	Chhatrapati	726				
Phulki	546	Chhatrapati	732				
Phulki	551	Chhatrapati	738				
Phulki	556	Chhatrapati	744				
Phulki	561	Chhatrapati	750				
Phulki	566	Chhatrapati	756				
Phulki	571	Chhatrapati	762				
Phulki	576	Chhatrapati	768				
Phulki	581	Chhatrapati	774				
Phulki	586	Chhatrapati	780				
Phulki	591	Chhatrapati	786				
Phulki	596	Chhatrapati	792				
Phulki	601	Chhatrapati	798				
Phulki	606	Chhatrapati	804				
Phulki	611	Chhatrapati	810				
Phulki	616	Chhatrapati	816				
Phulki	621	Chhatrapati	822				
Phulki	626	Chhatrapati	828				
Phulki	631	Chhatrapati	834				
Phulki	636	Chhatrapati	840				
Phulki	641	Chhatrapati	846				
Phulki	646	Chhatrapati	852				
Phulki	651	Chhatrapati	858				
Phulki	656	Chhatrapati	864				
Phulki	661	Chhatrapati	870				
Phulki	666	Chhatrapati	876				
Phulki	671	Chhatrapati	882				
Phulki	676	Chhatrapati	888				
Phulki	681	Chhatrapati	894				
Phulki	686	Chhatrapati	900				
Phulki	691	Chhatrapati	906				
Phulki	696	Chhatrapati	912				
Phulki	701	Chhatrapati	918				
Phulki	706	Chhatrapati	924				
Phulki	711	Chhatrapati	930				
Phulki	716	Chhatrapati	936				
Phulki	721	Chhatrapati	942				
Phulki	726	Chhatrapati	948				
Phulki	731	Chhatrapati	954				
Phulki	736	Chhatrapati	960				
Phulki	741	Chhatrapati	966				
Phulki	746	Chhatrapati	972				
Phulki	751	Chhatrapati	978				
Phulki	756	Chhatrapati	984				
Phulki	761	Chhatrapati	990				
Phulki	766	Chhatrapati	996				
Phulki	771	Chhatrapati	1002				
Phulki	776	Chhatrapati	1008				
Phulki	781	Chhatrapati	1014				
Phulki	786	Chhatrapati	1020				
Phulki	791	Chhatrapati	1026				
Phulki	796	Chhatrapati	1032				
Phulki	801	Chhatrapati	1038				
Phulki	806	Chhatrapati	1044				
Phulki	811	Chhatrapati	1050				
Phulki	816	Chhatrapati	1056				
Phulki	821	Chhatrapati	1062				
Phulki	826	Chhatrapati	1068				
Phulki	831	Chhatrapati	1074				
Phulki	836	Chhatrapati	1080				
Phulki	841	Chhatrapati	1086				
Phulki	846	Chhatrapati	1092				
Phulki	851	Chhatrapati	1098				
Phulki	856	Chhatrapati	1104				
Phulki	861	Chhatrapati	1110				
Phulki	866	Chhatrapati	1116				
Phulki	871	Chhatrapati	1122				
Phulki	876	Chhatrapati	1128				
Phulki	881	Chhatrapati	1134				
Phulki	886	Chhatrapati	1140				
Phulki	891	Chhatrapati	1146				
Phulki	896	Chhatrapati	1152				
Phulki	901	Chhatrapati	1158				
Phulki	906	Chhatrapati	1164				
Phulki	911	Chhatrapati	1170				
Phulki	916	Chhatrapati	1176				
Phulki	921	Chhatrapati	1182				
Phulki	926	Chhatrapati	1188				
Phulki	931	Chhatrapati	1194				
Phulki	936	Chhatrapati	1200				
Phulki	941	Chhatrapati	1206				
Phulki	946	Chhatrapati	1212				
Phulki	951	Chhatrapati	1218				
Phulki	956	Chhatrapati	1224				
Phulki	961	Chhatrapati	1230				
Phulki	966	Chhatrapati	1236				
Phulki	971	Chhatrapati	1242				
Phulki	976	Chhatrapati	1248				
Phulki	981	Chhatrapati	1254				
Phulki	986	Chhatrapati	1260				
Phulki	991	Chhatrapati	1266				
Phulki	996	Chhatrapati	1272				
Phulki	1001	Chhatrapati	1278				
Phulki	1006	Chhatrapati	1284				
Phulki	1011	Chhatrapati	1290				
Phulki	1016	Chhatrapati	1296				
Phulki	1021	Chhatrapati	1302				
Phulki	1026	Chhatrapati	1308				
Phulki	1031	Chhatrapati	1314				
Phulki	1036	Chhatrapati	1320				
Phulki	1041	Chhatrapati	1326				
Phulki							

## G I P. RAILWAY—continued

KHAMBOO BRANCH				CAMPOOKE BRANCH			
No. of stations	Distance in miles	Stations	No. of stations	Stations	Distance in miles	Stations	No. of stations
Jaikumb (Junction)	228	Khamboo	8	Karpi	82	Campooshe	
Khamboo	231	Jaikumb (Junction)		Palwalhari	84	Tilavies	4
ANURLOTT BRANCH				Tilavies	87	Palwalhari	7
Bahars (Junction)	413	Anurlo	6	Campooshe	71	Karpi	9
Anurlo	419	Bahars (Junction)		DHOND AND MANMAD STATE RAILWAY			
WARDHA BRANCH				Dhond (Junction)	Manmadi (Junction)		
Wardha (Junction)	478	Wardha	11	W. r. m.	2	Ankai	6
Sonapoor	481	Nagri	11	Prasari	11	Yash	16
Hingwajhi	483	Hingwajhi	11	Bahars	20	Kopergaon Road	23
Nagri	485	Sonapoor	11	Vadga	25	Burwalhar	28
Wardha	487	Wardha (Junction)	11	Burwalhar	30	Parbhani	31
BORJAY TO RAJSEEL				Alkhar	44	Chitah	46
Kalyan (Junction)	31	Bahars (Junction M. Ry.)	8	Alkhar	51	Bahars	53
Hat Gate	32	Pirbh	10	Vind	66	Lakh	61
B. Bahars	33	Chitah	10	Vandari	67	Bahars	70
Vind	34	Karpi	10	Bahars	70	Vind	76
Nagri	35	Palwalhari	10	Lakh	84	Vind	85
Chitah	36	Wardha	10	Bahars	93	Alkhar	94
Karpi	37	Nagri	10	Obtali	96	Alkhar	101
Palwalhari	38	Wardha	10	Parbhani	101	Sarai	107
Vind	39	Chitah	10	Gurwar	118	Vadga	116
Tilavies	40	Bahars	10	Kopergaon Road	122	Bahars	126
Bahars	41	Palwalhari	10	Lakh	127	Prasari	134
Wardha	42	Wardha	10	Ankai	137	Bahars	148
Chitah	43	Chitah	10	Manmadi (Junction)	148	Dhond (Junction)	153
Karpi	44	Karpi	10	NIZAM'S STATE RAILWAY			
Palwalhari	45	Palwalhari	10	W. r. m.		Burwalhar	
Vind	46	Vind	10	Chitah	9	Hyderabad	9
Tilavies	47	Tilavies	10	Sarai	32	Lopergaon	31
Bahars	48	Bahars	10	Lopergaon	36	Chitah	34
Wardha	49	Wardha	10	Tandir	42	Gurwar	51
Chitah	50	Chitah	10	Dhond	57	Dhond	64
Karpi	51	Karpi	10	Gurwar	70	Tandir	76
Palwalhari	52	Palwalhari	10	Manmadi	87	Manmadi	88
Vind	53	Vind	10	Lopergaon	100	Sarai	96
Tilavies	54	Tilavies	10	Hyderabad	116	Chitah	123
Bahars	55	Bahars	10	Burwalhar	131	Wardha (Junction)	141
Wardha	56	Wardha	10				

COLERA TO WADHWAN.		WADHWAN TO COLERA.		ANAND TO PATEL.		PATEL TO ANAND.	
Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.
Colera	0	Wadhwan	0	Amul (Junction)	0	Dakor Braxon.	0
Chand Gata Street	1	Chaklani	1	Amul (Junction)	1	Amul (Junction)	1
Marine Lane	2	Chaklani Road	2	Amul (Junction)	2	Amul (Junction)	2
Chand Road	3	Kala Road	3	Amul (Junction)	3	Amul (Junction)	3
Chand Road	4	Wadhwan (Junction) Patel	4	Amul (Junction)	4	Amul (Junction)	4
Chand Road	5	Wadhwan (Junction) Patel	5	Amul (Junction)	5	Amul (Junction)	5
Chand Road	6	Wadhwan (Junction) Patel	6	Amul (Junction)	6	Amul (Junction)	6
Chand Road	7	Wadhwan (Junction) Patel	7	Amul (Junction)	7	Amul (Junction)	7
Chand Road	8	Wadhwan (Junction) Patel	8	Amul (Junction)	8	Amul (Junction)	8
Chand Road	9	Wadhwan (Junction) Patel	9	Amul (Junction)	9	Amul (Junction)	9
Chand Road	10	Wadhwan (Junction) Patel	10	Amul (Junction)	10	Amul (Junction)	10
Chand Road	11	Wadhwan (Junction) Patel	11	Amul (Junction)	11	Amul (Junction)	11
Chand Road	12	Wadhwan (Junction) Patel	12	Amul (Junction)	12	Amul (Junction)	12
Chand Road	13	Wadhwan (Junction) Patel	13	Amul (Junction)	13	Amul (Junction)	13
Chand Road	14	Wadhwan (Junction) Patel	14	Amul (Junction)	14	Amul (Junction)	14
Chand Road	15	Wadhwan (Junction) Patel	15	Amul (Junction)	15	Amul (Junction)	15
Chand Road	16	Wadhwan (Junction) Patel	16	Amul (Junction)	16	Amul (Junction)	16
Chand Road	17	Wadhwan (Junction) Patel	17	Amul (Junction)	17	Amul (Junction)	17
Chand Road	18	Wadhwan (Junction) Patel	18	Amul (Junction)	18	Amul (Junction)	18
Chand Road	19	Wadhwan (Junction) Patel	19	Amul (Junction)	19	Amul (Junction)	19
Chand Road	20	Wadhwan (Junction) Patel	20	Amul (Junction)	20	Amul (Junction)	20
Chand Road	21	Wadhwan (Junction) Patel	21	Amul (Junction)	21	Amul (Junction)	21
Chand Road	22	Wadhwan (Junction) Patel	22	Amul (Junction)	22	Amul (Junction)	22
Chand Road	23	Wadhwan (Junction) Patel	23	Amul (Junction)	23	Amul (Junction)	23
Chand Road	24	Wadhwan (Junction) Patel	24	Amul (Junction)	24	Amul (Junction)	24
Chand Road	25	Wadhwan (Junction) Patel	25	Amul (Junction)	25	Amul (Junction)	25
Chand Road	26	Wadhwan (Junction) Patel	26	Amul (Junction)	26	Amul (Junction)	26
Chand Road	27	Wadhwan (Junction) Patel	27	Amul (Junction)	27	Amul (Junction)	27
Chand Road	28	Wadhwan (Junction) Patel	28	Amul (Junction)	28	Amul (Junction)	28
Chand Road	29	Wadhwan (Junction) Patel	29	Amul (Junction)	29	Amul (Junction)	29
Chand Road	30	Wadhwan (Junction) Patel	30	Amul (Junction)	30	Amul (Junction)	30
Chand Road	31	Wadhwan (Junction) Patel	31	Amul (Junction)	31	Amul (Junction)	31
Chand Road	32	Wadhwan (Junction) Patel	32	Amul (Junction)	32	Amul (Junction)	32
Chand Road	33	Wadhwan (Junction) Patel	33	Amul (Junction)	33	Amul (Junction)	33
Chand Road	34	Wadhwan (Junction) Patel	34	Amul (Junction)	34	Amul (Junction)	34
Chand Road	35	Wadhwan (Junction) Patel	35	Amul (Junction)	35	Amul (Junction)	35
Chand Road	36	Wadhwan (Junction) Patel	36	Amul (Junction)	36	Amul (Junction)	36
Chand Road	37	Wadhwan (Junction) Patel	37	Amul (Junction)	37	Amul (Junction)	37
Chand Road	38	Wadhwan (Junction) Patel	38	Amul (Junction)	38	Amul (Junction)	38
Chand Road	39	Wadhwan (Junction) Patel	39	Amul (Junction)	39	Amul (Junction)	39
Chand Road	40	Wadhwan (Junction) Patel	40	Amul (Junction)	40	Amul (Junction)	40
Chand Road	41	Wadhwan (Junction) Patel	41	Amul (Junction)	41	Amul (Junction)	41
Chand Road	42	Wadhwan (Junction) Patel	42	Amul (Junction)	42	Amul (Junction)	42
Chand Road	43	Wadhwan (Junction) Patel	43	Amul (Junction)	43	Amul (Junction)	43
Chand Road	44	Wadhwan (Junction) Patel	44	Amul (Junction)	44	Amul (Junction)	44
Chand Road	45	Wadhwan (Junction) Patel	45	Amul (Junction)	45	Amul (Junction)	45
Chand Road	46	Wadhwan (Junction) Patel	46	Amul (Junction)	46	Amul (Junction)	46
Chand Road	47	Wadhwan (Junction) Patel	47	Amul (Junction)	47	Amul (Junction)	47
Chand Road	48	Wadhwan (Junction) Patel	48	Amul (Junction)	48	Amul (Junction)	48
Chand Road	49	Wadhwan (Junction) Patel	49	Amul (Junction)	49	Amul (Junction)	49
Chand Road	50	Wadhwan (Junction) Patel	50	Amul (Junction)	50	Amul (Junction)	50
Chand Road	51	Wadhwan (Junction) Patel	51	Amul (Junction)	51	Amul (Junction)	51
Chand Road	52	Wadhwan (Junction) Patel	52	Amul (Junction)	52	Amul (Junction)	52
Chand Road	53	Wadhwan (Junction) Patel	53	Amul (Junction)	53	Amul (Junction)	53
Chand Road	54	Wadhwan (Junction) Patel	54	Amul (Junction)	54	Amul (Junction)	54
Chand Road	55	Wadhwan (Junction) Patel	55	Amul (Junction)	55	Amul (Junction)	55
Chand Road	56	Wadhwan (Junction) Patel	56	Amul (Junction)	56	Amul (Junction)	56
Chand Road	57	Wadhwan (Junction) Patel	57	Amul (Junction)	57	Amul (Junction)	57
Chand Road	58	Wadhwan (Junction) Patel	58	Amul (Junction)	58	Amul (Junction)	58
Chand Road	59	Wadhwan (Junction) Patel	59	Amul (Junction)	59	Amul (Junction)	59
Chand Road	60	Wadhwan (Junction) Patel	60	Amul (Junction)	60	Amul (Junction)	60
Chand Road	61	Wadhwan (Junction) Patel	61	Amul (Junction)	61	Amul (Junction)	61
Chand Road	62	Wadhwan (Junction) Patel	62	Amul (Junction)	62	Amul (Junction)	62
Chand Road	63	Wadhwan (Junction) Patel	63	Amul (Junction)	63	Amul (Junction)	63
Chand Road	64	Wadhwan (Junction) Patel	64	Amul (Junction)	64	Amul (Junction)	64
Chand Road	65	Wadhwan (Junction) Patel	65	Amul (Junction)	65	Amul (Junction)	65
Chand Road	66	Wadhwan (Junction) Patel	66	Amul (Junction)	66	Amul (Junction)	66
Chand Road	67	Wadhwan (Junction) Patel	67	Amul (Junction)	67	Amul (Junction)	67
Chand Road	68	Wadhwan (Junction) Patel	68	Amul (Junction)	68	Amul (Junction)	68
Chand Road	69	Wadhwan (Junction) Patel	69	Amul (Junction)	69	Amul (Junction)	69
Chand Road	70	Wadhwan (Junction) Patel	70	Amul (Junction)	70	Amul (Junction)	70
Chand Road	71	Wadhwan (Junction) Patel	71	Amul (Junction)	71	Amul (Junction)	71
Chand Road	72	Wadhwan (Junction) Patel	72	Amul (Junction)	72	Amul (Junction)	72
Chand Road	73	Wadhwan (Junction) Patel	73	Amul (Junction)	73	Amul (Junction)	73
Chand Road	74	Wadhwan (Junction) Patel	74	Amul (Junction)	74	Amul (Junction)	74
Chand Road	75	Wadhwan (Junction) Patel	75	Amul (Junction)	75	Amul (Junction)	75
Chand Road	76	Wadhwan (Junction) Patel	76	Amul (Junction)	76	Amul (Junction)	76
Chand Road	77	Wadhwan (Junction) Patel	77	Amul (Junction)	77	Amul (Junction)	77
Chand Road	78	Wadhwan (Junction) Patel	78	Amul (Junction)	78	Amul (Junction)	78
Chand Road	79	Wadhwan (Junction) Patel	79	Amul (Junction)	79	Amul (Junction)	79
Chand Road	80	Wadhwan (Junction) Patel	80	Amul (Junction)	80	Amul (Junction)	80
Chand Road	81	Wadhwan (Junction) Patel	81	Amul (Junction)	81	Amul (Junction)	81
Chand Road	82	Wadhwan (Junction) Patel	82	Amul (Junction)	82	Amul (Junction)	82
Chand Road	83	Wadhwan (Junction) Patel	83	Amul (Junction)	83	Amul (Junction)	83
Chand Road	84	Wadhwan (Junction) Patel	84	Amul (Junction)	84	Amul (Junction)	84
Chand Road	85	Wadhwan (Junction) Patel	85	Amul (Junction)	85	Amul (Junction)	85
Chand Road	86	Wadhwan (Junction) Patel	86	Amul (Junction)	86	Amul (Junction)	86
Chand Road	87	Wadhwan (Junction) Patel	87	Amul (Junction)	87	Amul (Junction)	87
Chand Road	88	Wadhwan (Junction) Patel	88	Amul (Junction)	88	Amul (Junction)	88
Chand Road	89	Wadhwan (Junction) Patel	89	Amul (Junction)	89	Amul (Junction)	89
Chand Road	90	Wadhwan (Junction) Patel	90	Amul (Junction)	90	Amul (Junction)	90
Chand Road	91	Wadhwan (Junction) Patel	91	Amul (Junction)	91	Amul (Junction)	91
Chand Road	92	Wadhwan (Junction) Patel	92	Amul (Junction)	92	Amul (Junction)	92
Chand Road	93	Wadhwan (Junction) Patel	93	Amul (Junction)	93	Amul (Junction)	93
Chand Road	94	Wadhwan (Junction) Patel	94	Amul (Junction)	94	Amul (Junction)	94
Chand Road	95	Wadhwan (Junction) Patel	95	Amul (Junction)	95	Amul (Junction)	95
Chand Road	96	Wadhwan (Junction) Patel	96	Amul (Junction)	96	Amul (Junction)	96
Chand Road	97	Wadhwan (Junction) Patel	97	Amul (Junction)	97	Amul (Junction)	97
Chand Road	98	Wadhwan (Junction) Patel	98	Amul (Junction)	98	Amul (Junction)	98
Chand Road	99	Wadhwan (Junction) Patel	99	Amul (Junction)	99	Amul (Junction)	99
Chand Road	100	Wadhwan (Junction) Patel	100	Amul (Junction)	100	Amul (Junction)	100

DAKOR BRAXON.	
Station.	Distance in Miles.
Amul (Junction)	0
Amul (Junction)	1
Amul (Junction)	2
Amul (Junction)	3
Amul (Junction)	4
Amul (Junction)	5
Amul (Junction)	6
Amul (Junction)	7
Amul (Junction)	8
Amul (Junction)	9
Amul (Junction)	10
Amul (Junction)	11
Amul (Junction)	12
Amul (Junction)	13
Amul (Junction)	14
Amul (Junction)	15
Amul (Junction)	16
Amul (Junction)	17
Amul (Junction)	18
Amul (Junction)	19
Amul (Junction)	20
Amul (Junction)	21
Amul (Junction)	22
Amul (Junction)	23
Amul (Junction)	24
Amul (Junction)	25
Amul (Junction)	26
Amul (Junction)	27
Amul (Junction)	28
Amul (Junction)	29
Amul (Junction)	30
Amul (Junction)	31
Amul (Junction)	32
Amul (Junction)	33
Amul (Junction)	34
Amul (Junction)	35
Amul (Junction)	36
Amul (Junction)	37
Amul (Junction)	38
Amul (Junction)	39
Amul (Junction)	40
Amul (Junction)	41
Amul (Junction)	42
Amul (Junction)	43
Amul (Junction)	44
Amul (Junction)	45
Amul (Junction)	46
Amul (Junction)	47
Amul (Junction)	48
Amul (Junction)	49
Amul (Junction)	50
Amul (Junction)	51
Amul (Junction)	52
Amul (Junction)	53
Amul (Junction)	54
Amul (Junction)	55
Amul (Junction)	56
Amul (Junction)	57
Amul (Junction)	58
Amul (Junction)	59
Amul (Junction)	60
Amul (Junction)	61
Amul (Junction)	62
Amul (Junction)	63
Amul (Junction)	64
Amul (Junction)	65
Amul (Junction)	66
Amul (Junction)	67
Amul (Junction)	68
Amul (Junction)	69
Amul (Junction)	70
Amul (Junction)	71
Amul (Junction)	72
Amul (Junction)	73
Amul (Junction)	74
Amul (Junction)	75
Amul (Junction)	76
Amul (Junction)	77
Amul (Junction)	78
Amul (Junction)	79
Amul (Junction)	80
Amul (Junction)	81
Amul (Junction)	82
Amul (Junction)	83
Amul (Junction)	84
Amul (Junction)	85
Amul (Junction)	86
Amul (Junction)	87
Amul (Junction)	88
Amul (Junction)	89
Amul (Junction)	90
Amul (Junction)	91
Amul (Junction)	92
Amul (Junction)	93
Amul (Junction)	94
Amul (Junction)	95
Amul (Junction)	96
Amul (Junction)	97
Amul (Junction)	98
Amul (Junction)	99
Amul (Junction)	100

PATEL BRAXON.	
Station.	Distance in Miles.
Amul (Junction)	0
Amul (Junction)	1
Amul (Junction)	2
Amul (Junction)	3
Amul (Junction)	4
Amul (Junction)	5
Amul (Junction)	6
Amul (Junction)	7
Amul (Junction)	8
Amul (Junction)	9
Amul (Junction)	10
Amul (Junction)	11
Amul (Junction)	12
Amul (Junction)	13
Amul (Junction)	14
Amul (Junction)	15
Amul (Junction)	16
Amul (Junction)	17
Amul (Junction)	18
Amul (Junction)	19
Amul (Junction)	20
Amul (Junction)	21
Amul (Junction)	22
Amul (Junction)	23
Amul (Junction)	24
Amul (Junction)	25
Amul (Junction)	26
Amul (Junction)	27
Amul (Junction)	28
Amul (Junction)	29
Amul (Junction)	30
Amul (Junction)	31
Amul (Junction)	32
Amul (Junction)	33
Amul (Junction)	34
Amul (Junction)	35
Amul (Junction)	36
Amul (Junction)	37
Amul (Junction)	38
Amul (Junction)	39
Amul (Junction)	40
Amul (Junction)	41
Amul (Junction)	42
Amul (Junction)	43
Amul (Junction)	44
Amul (Junction)	45
Amul (Junction)	46
Amul (Junction)	47
Amul (Junction)	48
Amul (Junction)	49
Amul (Junction)	50
Amul (Junction)	51
Amul (Junction)	52
Amul (Junction)	53
Amul (Junction)	54
Amul (Junction)	55
Amul (Junction)	56
Amul (Junction)	57
Amul (Junction)	58
Amul (Junction)	59
Amul (Junction)	60
Amul (Junction)	61
Amul (Junction)	62
Amul (Junction)	63
Amul (Junction)	64
Amul (Junction)	65
Amul (Junction)	66
Amul (Junction)	67
Amul (Junction)	68
Amul (Junction)	69
Amul (Junction)	70
Amul (Junction)	71
Amul (Junction)	72
Amul (Junction)	73
Amul (Junction)	74
Amul (Junction)	75
Amul (Junction)	76
Amul (Junction)	77
Amul (Junction)	78
Amul (Junction)	79
Amul (Junction)	80
Amul (Junction)	81
Amul (Junction)	82
Amul (Junction)	83
Amul (Junction)	84
Amul (Junction)	85
Amul (Junction)	86
Amul (Junction)	87
Amul (Junction)	88
Amul (Junction)	89
Amul (Junction)	90
Amul (Junction)	91
Amul (Junction)	92
Amul (Junction)	93
Amul (Junction)	94
Amul (Junction)	95
Amul (Junction)	96
Amul (Junction)	97
Amul (Junction)	98
Amul (Junction)	99
Amul (Junction)	100

GAEKWAR OF BARODA'S RAILWAY.	
Station.	Distance in Miles.
Amul (Junction)	0
Amul (Junction)	1
Amul (Junction)	2
Amul (Junction)	3
Amul (Junction)	4
Amul (Junction)	5
Amul (Junction)	6
Amul (Junction)	7
Amul (Junction)	8
Amul (Junction)	9
Amul (Junction)	10
Amul (Junction)	11
Amul (Junction)	12
Amul (Junction)	13
Amul (Junction)	14
Amul (Junction)	15
Amul (Junction)	16
Amul (Junction)	17
Amul (Junction)	18
Amul (Junction)	19
Amul (Junction)	20
Amul (Junction)	21
Amul (Junction)	22
Amul (Junction)	23
Amul (Junction)	24
Amul (Junction)	25
Amul (Junction)	26
Amul (Junction)	27
Amul (Junction)	2

WESTERN RAJPUTANA STATE RAILWAY.

[illegible]

## RAJPUTANA STATE RAILWAY—continued

KAYA TO SANDHEAR.		SANDHEAR TO KAYA.	
Stations	Distances in Miles.	Stations	Distances in Miles.
SEVENEER BRANCH.			
Kaya	0	Sandheer	0
Gara	91	Gara	9
Sandheer	181	Kaya	181
DELHI BRANCH.			
Delhi	0	Delhi	0
Meerut	15	Meerut	15
Gurgaon	25	Gurgaon	25
Faridkot	35	Faridkot	35
Rohtak	45	Rohtak	45
Delhi	55	Delhi	55
Delhi	65	Delhi	65
Delhi	75	Delhi	75
Delhi	85	Delhi	85
Delhi	95	Delhi	95
Delhi	105	Delhi	105
Delhi	115	Delhi	115
Delhi	125	Delhi	125
Delhi	135	Delhi	135
Delhi	145	Delhi	145
Delhi	155	Delhi	155
Delhi	165	Delhi	165
Delhi	175	Delhi	175
Delhi	185	Delhi	185
Delhi	195	Delhi	195
Delhi	205	Delhi	205
Delhi	215	Delhi	215
Delhi	225	Delhi	225
Delhi	235	Delhi	235
Delhi	245	Delhi	245
Delhi	255	Delhi	255
Delhi	265	Delhi	265
Delhi	275	Delhi	275
Delhi	285	Delhi	285
Delhi	295	Delhi	295
Delhi	305	Delhi	305
Delhi	315	Delhi	315
Delhi	325	Delhi	325
Delhi	335	Delhi	335
Delhi	345	Delhi	345
Delhi	355	Delhi	355
Delhi	365	Delhi	365
Delhi	375	Delhi	375
Delhi	385	Delhi	385
Delhi	395	Delhi	395
Delhi	405	Delhi	405
Delhi	415	Delhi	415
Delhi	425	Delhi	425
Delhi	435	Delhi	435
Delhi	445	Delhi	445
Delhi	455	Delhi	455
Delhi	465	Delhi	465
Delhi	475	Delhi	475
Delhi	485	Delhi	485
Delhi	495	Delhi	495
Delhi	505	Delhi	505
Delhi	515	Delhi	515
Delhi	525	Delhi	525
Delhi	535	Delhi	535
Delhi	545	Delhi	545
Delhi	555	Delhi	555
Delhi	565	Delhi	565
Delhi	575	Delhi	575
Delhi	585	Delhi	585
Delhi	595	Delhi	595
Delhi	605	Delhi	605
Delhi	615	Delhi	615
Delhi	625	Delhi	625
Delhi	635	Delhi	635
Delhi	645	Delhi	645
Delhi	655	Delhi	655
Delhi	665	Delhi	665
Delhi	675	Delhi	675
Delhi	685	Delhi	685
Delhi	695	Delhi	695
Delhi	705	Delhi	705
Delhi	715	Delhi	715
Delhi	725	Delhi	725
Delhi	735	Delhi	735
Delhi	745	Delhi	745
Delhi	755	Delhi	755
Delhi	765	Delhi	765
Delhi	775	Delhi	775
Delhi	785	Delhi	785
Delhi	795	Delhi	795
Delhi	805	Delhi	805
Delhi	815	Delhi	815
Delhi	825	Delhi	825
Delhi	835	Delhi	835
Delhi	845	Delhi	845
Delhi	855	Delhi	855
Delhi	865	Delhi	865
Delhi	875	Delhi	875
Delhi	885	Delhi	885
Delhi	895	Delhi	895
Delhi	905	Delhi	905
Delhi	915	Delhi	915
Delhi	925	Delhi	925
Delhi	935	Delhi	935
Delhi	945	Delhi	945
Delhi	955	Delhi	955
Delhi	965	Delhi	965
Delhi	975	Delhi	975
Delhi	985	Delhi	985
Delhi	995	Delhi	995
Delhi	1005	Delhi	1005
Delhi	1015	Delhi	1015
Delhi	1025	Delhi	1025
Delhi	1035	Delhi	1035
Delhi	1045	Delhi	1045
Delhi	1055	Delhi	1055
Delhi	1065	Delhi	1065
Delhi	1075	Delhi	1075
Delhi	1085	Delhi	1085
Delhi	1095	Delhi	1095
Delhi	1105	Delhi	1105
Delhi	1115	Delhi	1115
Delhi	1125	Delhi	1125
Delhi	1135	Delhi	1135
Delhi	1145	Delhi	1145
Delhi	1155	Delhi	1155
Delhi	1165	Delhi	1165
Delhi	1175	Delhi	1175
Delhi	1185	Delhi	1185
Delhi	1195	Delhi	1195
Delhi	1205	Delhi	1205
Delhi	1215	Delhi	1215
Delhi	1225	Delhi	1225
Delhi	1235	Delhi	1235
Delhi	1245	Delhi	1245
Delhi	1255	Delhi	1255
Delhi	1265	Delhi	1265
Delhi	1275	Delhi	1275
Delhi	1285	Delhi	1285
Delhi	1295	Delhi	1295
Delhi	1305	Delhi	1305
Delhi	1315	Delhi	1315
Delhi	1325	Delhi	1325
Delhi	1335	Delhi	1335
Delhi	1345	Delhi	1345
Delhi	1355	Delhi	1355
Delhi	1365	Delhi	1365
Delhi	1375	Delhi	1375
Delhi	1385	Delhi	1385
Delhi	1395	Delhi	1395
Delhi	1405	Delhi	1405
Delhi	1415	Delhi	1415
Delhi	1425	Delhi	1425
Delhi	1435	Delhi	1435
Delhi	1445	Delhi	1445
Delhi	1455	Delhi	1455
Delhi	1465	Delhi	1465
Delhi	1475	Delhi	1475
Delhi	1485	Delhi	1485
Delhi	1495	Delhi	1495
Delhi	1505	Delhi	1505
Delhi	1515	Delhi	1515
Delhi	1525	Delhi	1525
Delhi	1535	Delhi	1535
Delhi	1545	Delhi	1545
Delhi	1555	Delhi	1555
Delhi	1565	Delhi	1565
Delhi	1575	Delhi	1575
Delhi	1585	Delhi	1585
Delhi	1595	Delhi	1595
Delhi	1605	Delhi	1605
Delhi	1615	Delhi	1615
Delhi	1625	Delhi	1625
Delhi	1635	Delhi	1635
Delhi	1645	Delhi	1645
Delhi	1655	Delhi	1655
Delhi	1665	Delhi	1665
Delhi	1675	Delhi	1675
Delhi	1685	Delhi	1685
Delhi	1695	Delhi	1695
Delhi	1705	Delhi	1705
Delhi	1715	Delhi	1715
Delhi	1725	Delhi	1725
Delhi	1735	Delhi	1735
Delhi	1745	Delhi	1745
Delhi	1755	Delhi	1755
Delhi	1765	Delhi	1765
Delhi	1775	Delhi	1775
Delhi	1785	Delhi	1785
Delhi	1795	Delhi	1795
Delhi	1805	Delhi	1805
Delhi	1815	Delhi	1815
Delhi	1825	Delhi	1825
Delhi	1835	Delhi	1835
Delhi	1845	Delhi	1845
Delhi	1855	Delhi	1855
Delhi	1865	Delhi	1865
Delhi	1875	Delhi	1875
Delhi	1885	Delhi	1885
Delhi	1895	Delhi	1895
Delhi	1905	Delhi	1905
Delhi	1915	Delhi	1915
Delhi	1925	Delhi	1925
Delhi	1935	Delhi	1935
Delhi	1945	Delhi	1945
Delhi	1955	Delhi	1955
Delhi	1965	Delhi	1965
Delhi	1975	Delhi	1975
Delhi	1985	Delhi	1985
Delhi	1995	Delhi	1995
Delhi	2005	Delhi	2005
Delhi	2015	Delhi	2015
Delhi	2025	Delhi	2025
Delhi	2035	Delhi	2035
Delhi	2045	Delhi	2045
Delhi	2055	Delhi	2055
Delhi	2065	Delhi	2065
Delhi	2075	Delhi	2075
Delhi	2085	Delhi	2085
Delhi	2095	Delhi	2095
Delhi	2105	Delhi	2105
Delhi	2115	Delhi	2115
Delhi	2125	Delhi	2125
Delhi	2135	Delhi	2135
Delhi	2145	Delhi	2145
Delhi	2155	Delhi	2155
Delhi	2165	Delhi	2165
Delhi	2175	Delhi	2175
Delhi	2185	Delhi	2185
Delhi	2195	Delhi	2195
Delhi	2205	Delhi	2205
Delhi	2215	Delhi	2215
Delhi	2225	Delhi	2225
Delhi	2235	Delhi	2235
Delhi	2245	Delhi	2245
Delhi	2255	Delhi	2255
Delhi	2265	Delhi	2265
Delhi	2275	Delhi	2275
Delhi	2285	Delhi	2285
Delhi	2295	Delhi	2295
Delhi	2305	Delhi	2305
Delhi	2315	Delhi	2315
Delhi	2325	Delhi	2325
Delhi	2335	Delhi	2335
Delhi	2345	Delhi	2345
Delhi	2355	Delhi	2355
Delhi	2365	Delhi	2365
Delhi	2375	Delhi	2375
Delhi	2385	Delhi	2385
Delhi	2395	Delhi	2395
Delhi	2405	Delhi	2405
Delhi	2415	Delhi	2415
Delhi	2425	Delhi	2425
Delhi	2435	Delhi	2435
Delhi	2445	Delhi	2445
Delhi	2455	Delhi	2455
Delhi	2465	Delhi	2465
Delhi	2475	Delhi	2475
Delhi	2485	Delhi	2485
Delhi	2495	Delhi	2495
Delhi	2505	Delhi	2505
Delhi	2515	Delhi	2515
Delhi	2525	Delhi	2525
Delhi	2535	Delhi	2535
Delhi	2545	Delhi	2545
Delhi	2555	Delhi	2555
Delhi	2565	Delhi	2565
Delhi	2575	Delhi	2575
Delhi	2585	Delhi	2585
Delhi	2595	Delhi	2595
Delhi	2605	Delhi	2605
Delhi	2615	Delhi	2615
Delhi	2625	Delhi	2625
Delhi	2635	Delhi	2635
Delhi	2645	Delhi	2645
Delhi	2655	Delhi	2655
Delhi	2665	Delhi	2665
Delhi	2675	Delhi	2675
Delhi	2685	Delhi	2685
Delhi	2695	Delhi	2695
Delhi	2705	Delhi	2705
Delhi	2715	Delhi	2715
Delhi	2725	Delhi	2725
Delhi	2735	Delhi	2735
Delhi	2745	Delhi	2745
Delhi	2755	Delhi	2755
Delhi	2765	Delhi	2765
Delhi	2775	Delhi	2775
Delhi	2785	Delhi	2785
Delhi	2795	Delhi	2795
Delhi	2805	Delhi	2805
Delhi	2815	Delhi	2815
Delhi	2825	Delhi	2825
Delhi	2835	Delhi	2835
Delhi	2845	Delhi	2845
Delhi	2855	Delhi	2855
Delhi	2865	Delhi	2865
Delhi	2875	Delhi	2875
Delhi	2885	Delhi	2885
Delhi	2895	Delhi	2895
Delhi	2905	Delhi	2905
Delhi	2915	Delhi	2915
Delhi	2925	Delhi	2925
Delhi	2935	Delhi	2935
Delhi	2945	Delhi	2945
Delhi	2955	Delhi	2955
Delhi	2965	Delhi	2965
Delhi	2975	Delhi	2975
Delhi	2985	Delhi	2985
Delhi	2995	Delhi	2995
Delhi	3005	Delhi	3005
Delhi	3015	Delhi	3015
Delhi	3025	Delhi	3025
Delhi	3035	Delhi	3035
Delhi	3045	Delhi	3045
Delhi	3055	Delhi	3055
Delhi	3065	Delhi	3065
Delhi	3075	Delhi	3075
Delhi	3085	Delhi	3085
Delhi	3095	Delhi	3095
Delhi	3105	Delhi	3105
Delhi	3115	Delhi	3115
Delhi	3125	Delhi	3125
Delhi	3135	Delhi	3135
Delhi	3145	Delhi	3145
Delhi	3155	Delhi	3155
Delhi	3165	Delhi	3165
Delhi	3175	Delhi	3175
Delhi	3185	Delhi	3185
Delhi	3195	Delhi	3195
Delhi	3205	Delhi	3205
Delhi	3215	Delhi	3215
Delhi	3225	Delhi	3225
Delhi	3235	Delhi	3235
Delhi	3245	Delhi	3245
Delhi	3255	Delhi	3255
Delhi	3265	Delhi	3265
Delhi	3275	Delhi	3275
Delhi	3285	Delhi	3285
Delhi	3295	Delhi	3295
Delhi	3305	Delhi	3305
Delhi	3315	Delhi	3315
Delhi	3325	Delhi	3325
Delhi	3335	Delhi	3335
Delhi	3345	Delhi	3345
Delhi	3355	Delhi	3355
Delhi	3365	Delhi	3365
Delhi	3375	Delhi	3375
Delhi	3385	Delhi	3385
Delhi	3395	Delhi	3395
Delhi	3405	Delhi	3405
Delhi	3415	Delhi	3415
Delhi	3425	Delhi	3425
Delhi	3435	Delhi	3435
Delhi	3445		

## RAJPUTANA STATE RAILWAY

NUSSEMBARI TO AMBA.		AMBA TO NUSSEMBARAD.	
Nussembari	1	Agri Port	1
Agri Port	1	Agri Cinnamon	1
Lidjara	2	Bachjara	2
Kuchjara	3	Alachara	3
Tachjara	4	Bhara	4
Bhara	5	Thara	5
Kachjara	6	Hakha	6
Phara (Jumara)	7	Kachjara	7
Amara	8	Kachjara	8
Thara	9	Kachjara	9
Bara	10	Kachjara	10
Jyara	11	Kachjara	11
Phara	12	Kachjara	12
Kachjara	13	Kachjara	13
Bara	14	Kachjara	14
Jyara	15	Kachjara	15
Phara	16	Kachjara	16
Kachjara	17	Kachjara	17
Bara	18	Kachjara	18
Jyara	19	Kachjara	19
Phara	20	Kachjara	20
Kachjara	21	Kachjara	21
Bara	22	Kachjara	22
Jyara	23	Kachjara	23
Phara	24	Kachjara	24
Kachjara	25	Kachjara	25
Bara	26	Kachjara	26
Jyara	27	Kachjara	27
Phara	28	Kachjara	28
Kachjara	29	Kachjara	29
Bara	30	Kachjara	30
Jyara	31	Kachjara	31
Phara	32	Kachjara	32
Kachjara	33	Kachjara	33
Bara	34	Kachjara	34
Jyara	35	Kachjara	35
Phara	36	Kachjara	36
Kachjara	37	Kachjara	37
Bara	38	Kachjara	38
Jyara	39	Kachjara	39
Phara	40	Kachjara	40
Kachjara	41	Kachjara	41
Bara	42	Kachjara	42
Jyara	43	Kachjara	43
Phara	44	Kachjara	44
Kachjara	45	Kachjara	45
Bara	46	Kachjara	46
Jyara	47	Kachjara	47
Phara	48	Kachjara	48
Kachjara	49	Kachjara	49
Bara	50	Kachjara	50
Jyara	51	Kachjara	51
Phara	52	Kachjara	52
Kachjara	53	Kachjara	53
Bara	54	Kachjara	54
Jyara	55	Kachjara	55
Phara	56	Kachjara	56
Kachjara	57	Kachjara	57
Bara	58	Kachjara	58
Jyara	59	Kachjara	59
Phara	60	Kachjara	60
Kachjara	61	Kachjara	61
Bara	62	Kachjara	62
Jyara	63	Kachjara	63
Phara	64	Kachjara	64
Kachjara	65	Kachjara	65
Bara	66	Kachjara	66
Jyara	67	Kachjara	67
Phara	68	Kachjara	68
Kachjara	69	Kachjara	69
Bara	70	Kachjara	70
Jyara	71	Kachjara	71
Phara	72	Kachjara	72
Kachjara	73	Kachjara	73
Bara	74	Kachjara	74
Jyara	75	Kachjara	75
Phara	76	Kachjara	76
Kachjara	77	Kachjara	77
Bara	78	Kachjara	78
Jyara	79	Kachjara	79
Phara	80	Kachjara	80
Kachjara	81	Kachjara	81
Bara	82	Kachjara	82
Jyara	83	Kachjara	83
Phara	84	Kachjara	84
Kachjara	85	Kachjara	85
Bara	86	Kachjara	86
Jyara	87	Kachjara	87
Phara	88	Kachjara	88
Kachjara	89	Kachjara	89
Bara	90	Kachjara	90
Jyara	91	Kachjara	91
Phara	92	Kachjara	92
Kachjara	93	Kachjara	93
Bara	94	Kachjara	94
Jyara	95	Kachjara	95
Phara	96	Kachjara	96
Kachjara	97	Kachjara	97
Bara	98	Kachjara	98
Jyara	99	Kachjara	99
Phara	100	Kachjara	100

## FAHREMAN BRAND

Paraklesinger	1	Schlepper (Flag Station)	1
Schlepper (Flag Station)	2	Paraklesinger	2

## HOLKAR STATE RAILWAY.

KLEPWA TO IDJERE.		IDJERE TO KLEPWA.	
Klepwa	1	Idjere (Gunnah)	1
Ajani	7	Bao	7
Atari	17	Alaw	18
Khar	17	Pital Paul	17
Bedford	23	Kala Kinal	23
Martaka	27	Oboel	29
Bargida	29	Balgara	27
Bulani	49	Bawila	47
Oboel	47	Martaka	49
Kala Kinal	23	Pital Paul	17
Pital Paul	17	Alaw	18
Bao	7	Ajani	7
Idjere (Gunnah)	1	Klepwa	1

## SINDIA-NERARUOH STATE RAILWAY.

INDORE TO KANAKERABAD.		KANAKERABAD TO INDORE.	
Station.	Distance in Miles.	Station.	Distance in Miles.
Indore	—	Kanakarabad	—
Palla	9	Bikanerwari	17
Almod	17	Bakrol	23
Patelabad (Junction)	23	Alwar	29
Chambal River	31	Bara Bala	37
Baranagar	37	Asimpora	43
Runde	43	Dahwana	49
Kanpur	49	Hanpur	55
Burhan	55	Gangpur	61
Nimbi	61	Chitor	67
Jaura	67	Bakhar	73
Doodhar	73	Kankar	79
Dahana	79	Kankar	85
Mand-war	85	Kankar	91
Tharod	91	Baria Kibi	97
Maharipur	103	Maharipur	109
Baria Kibi	109	Mand-war	115
Kankar	115	Doodhar	121
Kankar	121	Doodhar	127
Kankar	127	Doodhar	133
Kankar	133	Doodhar	139
Kankar	139	Doodhar	145
Kankar	145	Doodhar	151
Kankar	151	Doodhar	157
Kankar	157	Doodhar	163
Kankar	163	Doodhar	169
Kankar	169	Doodhar	175
Kankar	175	Doodhar	181
Kankar	181	Doodhar	187
Kankar	187	Doodhar	193
Kankar	193	Doodhar	199
Kankar	199	Doodhar	205
Kankar	205	Doodhar	211
Kankar	211	Doodhar	217
Kankar	217	Doodhar	223
Kankar	223	Doodhar	229
Kankar	229	Doodhar	235
Kankar	235	Doodhar	241
Kankar	241	Doodhar	247
Kankar	247	Doodhar	253
Kankar	253	Doodhar	259
Kankar	259	Doodhar	265
Kankar	265	Doodhar	271
Kankar	271	Doodhar	277
Kankar	277	Doodhar	283
Kankar	283	Doodhar	289
Kankar	289	Doodhar	295
Kankar	295	Doodhar	301
Kankar	301	Doodhar	307
Kankar	307	Doodhar	313
Kankar	313	Doodhar	319
Kankar	319	Doodhar	325
Kankar	325	Doodhar	331
Kankar	331	Doodhar	337
Kankar	337	Doodhar	343
Kankar	343	Doodhar	349
Kankar	349	Doodhar	355
Kankar	355	Doodhar	361
Kankar	361	Doodhar	367
Kankar	367	Doodhar	373
Kankar	373	Doodhar	379
Kankar	379	Doodhar	385
Kankar	385	Doodhar	391
Kankar	391	Doodhar	397
Kankar	397	Doodhar	403
Kankar	403	Doodhar	409
Kankar	409	Doodhar	415
Kankar	415	Doodhar	421
Kankar	421	Doodhar	427
Kankar	427	Doodhar	433
Kankar	433	Doodhar	439
Kankar	439	Doodhar	445
Kankar	445	Doodhar	451
Kankar	451	Doodhar	457
Kankar	457	Doodhar	463
Kankar	463	Doodhar	469
Kankar	469	Doodhar	475
Kankar	475	Doodhar	481
Kankar	481	Doodhar	487
Kankar	487	Doodhar	493
Kankar	493	Doodhar	499
Kankar	499	Doodhar	505

## UJAIN BEACH.

Patelabad (Junction)	21	Ujain	—
Ujain	24	Patelabad (Junction)	12

## SIND PUNJAB AND DELHI RAILWAY.

## SIND SECTION.

KURACHIE TO KOTRI.		KOTRI TO KURACHIE.	
Station.	Distance in Miles.	Station.	Distance in Miles.
Kurachie	—	Kotri	—
Kurachie (McLeod Station)	4	Bholeri	8
Kurachie (Freer Station)	4	Mehing	29
Lundi	19	Jampur	22
Bholeri	24	Jampur	51
Jampur	57	Bholeri	71
Jampur	77	Lundi	91
Mehing	99	Kurachie (Freer Station)	103
Bholeri	101	Kurachie (McLeod Station)	105
Kotri	109	Kurachie	100

## INDUS VALLEY STATE RAILWAY.

KOTRI TO MOOLTAN.		MOOLTAN TO KOTRI.	
Station.	Distance in Miles.	Station.	Distance in Miles.
Kotri	—	Mooltan	—
Potri	13	Kanakarabad (Junction)	18
Bakrol	23	Bikanerwari	25
Gangpur	31	Bakrol	30
Maharipur	37	Bakrol	35
Bakrol	43	Bakrol	40
Alwar	49	Bakrol	45
Lundi	55	Bakrol	50
Baranagar	61	Bakrol	55
Bakrol	67	Bakrol	60
Lundi	73	Bakrol	65
Baranagar	79	Bakrol	70
Bakrol	85	Bakrol	75
Alwar	91	Bakrol	80
Lundi	97	Bakrol	85
Baranagar	103	Bakrol	90
Bakrol	109	Bakrol	95
Lundi	115	Bakrol	100
Baranagar	121	Bakrol	105
Bakrol	127	Bakrol	110
Lundi	133	Bakrol	115
Baranagar	139	Bakrol	120
Bakrol	145	Bakrol	125
Lundi	151	Bakrol	130
Baranagar	157	Bakrol	135
Bakrol	163	Bakrol	140
Lundi	169	Bakrol	145
Baranagar	175	Bakrol	150
Bakrol	181	Bakrol	155
Lundi	187	Bakrol	160
Baranagar	193	Bakrol	165
Bakrol	199	Bakrol	170
Lundi	205	Bakrol	175
Baranagar	211	Bakrol	180
Bakrol	217	Bakrol	185
Lundi	223	Bakrol	190
Baranagar	229	Bakrol	195
Bakrol	235	Bakrol	200
Lundi	241	Bakrol	205
Baranagar	247	Bakrol	210
Bakrol	253	Bakrol	215
Lundi	259	Bakrol	220
Baranagar	265	Bakrol	225
Bakrol	271	Bakrol	230
Lundi	277	Bakrol	235
Baranagar	283	Bakrol	240
Bakrol	289	Bakrol	245
Lundi	295	Bakrol	250
Baranagar	301	Bakrol	255
Bakrol	307	Bakrol	260
Lundi	313	Bakrol	265
Baranagar	319	Bakrol	270
Bakrol	325	Bakrol	275
Lundi	331	Bakrol	280
Baranagar	337	Bakrol	285
Bakrol	343	Bakrol	290
Lundi	349	Bakrol	295
Baranagar	355	Bakrol	300
Bakrol	361	Bakrol	305
Lundi	367	Bakrol	310
Baranagar	373	Bakrol	315
Bakrol	379	Bakrol	320
Lundi	385	Bakrol	325
Baranagar	391	Bakrol	330
Bakrol	397	Bakrol	335
Lundi	403	Bakrol	340
Baranagar	409	Bakrol	345
Bakrol	415	Bakrol	350
Lundi	421	Bakrol	355
Baranagar	427	Bakrol	360
Bakrol	433	Bakrol	365
Lundi	439	Bakrol	370
Baranagar	445	Bakrol	375
Bakrol	451	Bakrol	380
Lundi	457	Bakrol	385
Baranagar	463	Bakrol	390
Bakrol	469	Bakrol	395
Lundi	475	Bakrol	400
Baranagar	481	Bakrol	405
Bakrol	487	Bakrol	410
Lundi	493	Bakrol	415
Baranagar	499	Bakrol	420
Bakrol	505	Bakrol	425

## KANDAHAR STATE RAILWAY.

KOTRI TO KANDAHAR.		KANDAHAR TO KOTRI.	
Station.	Distance in Miles.	Station.	Distance in Miles.
Kotri	—	Kandahar	—
Potri	13	Kandahar	18
Bakrol	23	Bikanerwari	25
Gangpur	31	Bakrol	30
Maharipur	37	Bakrol	35
Bakrol	43	Bakrol	40
Alwar	49	Bakrol	45
Lundi	55	Bakrol	50
Baranagar	61	Bakrol	55
Bakrol	67	Bakrol	60
Lundi	73	Bakrol	65
Baranagar	79	Bakrol	70
Bakrol	85	Bakrol	75
Alwar	91	Bakrol	80
Lundi	97	Bakrol	85
Baranagar	103	Bakrol	90
Bakrol	109	Bakrol	95
Lundi	115	Bakrol	100
Baranagar	121	Bakrol	105
Bakrol	127	Bakrol	110
Lundi	133	Bakrol	115
Baranagar	139	Bakrol	120
Bakrol	145	Bakrol	125
Lundi	151	Bakrol	130
Baranagar	157	Bakrol	135
Bakrol	163	Bakrol	140
Lundi	169	Bakrol	145
Baranagar	175	Bakrol	150
Bakrol	181	Bakrol	155
Lundi	187	Bakrol	160
Baranagar	193	Bakrol	165
Bakrol	199	Bakrol	170
Lundi	205	Bakrol	175
Baranagar	211	Bakrol	180
Bakrol	217	Bakrol	185
Lundi	223	Bakrol	190
Baranagar	229	Bakrol	195
Bakrol	235	Bakrol	200
Lundi	241	Bakrol	205
Baranagar	247	Bakrol	210
Bakrol	253	Bakrol	215
Lundi	259	Bakrol	220
Baranagar	265	Bakrol	225
Bakrol	271	Bakrol	230
Lundi	277	Bakrol	235
Baranagar	283	Bakrol	240
Bakrol	289	Bakrol	245
Lundi	295	Bakrol	250
Baranagar	301	Bakrol	255
Bakrol	307	Bakrol	260
Lundi	313	Bakrol	265
Baranagar	319	Bakrol	270
Bakrol	325	Bakrol	275
Lundi	331	Bakrol	280
Baranagar	337	Bakrol	285
Bakrol	343	Bakrol	290
Lundi	349	Bakrol	295
Baranagar	355	Bakrol	300
Bakrol	361	Bakrol	305
Lundi	367	Bakrol	310
Baranagar	373	Bakrol	315
Bakrol	379	Bakrol	320
Lundi	385	Bakrol	325
Baranagar	391	Bakrol	330
Bakrol	397	Bakrol	335
Lundi	403	Bakrol	340
Baranagar	409	Bakrol	345
Bakrol	415	Bakrol	350
Lundi	421	Bakrol	355
Baranagar	427	Bakrol	360
Bakrol	433	Bakrol	365
Lundi	439	Bakrol	370
Baranagar	445	Bakrol	375
Bakrol	451	Bakrol	380
Lundi	457	Bakrol	385
Baranagar	463	Bakrol	390
Bakrol	469	Bakrol	395
Lundi	475	Bakrol	400
Baranagar	481	Bakrol	405
Bakrol	487	Bakrol	410
Lundi	493	Bakrol	415
Baranagar	499	Bakrol	420
Bakrol	505	Bakrol	425







## RAJPUTANA STATE RAILWAY.

AREA AND AREA IN. BUREAU

[illegible]

### Dezember

Station	Distance in Miles	Altitude in Feet	Population in 1901
Bombay			
Bombay	7	Dehu	
Bombay	15	Palem	11
Bombay	25	Gurgaon	19
Bombay	37	Gurgaon (H. S.)	25
Bombay	48	Gurgaon (H. S.)	25
Bombay	54	Gurgaon (H. S.)	25
Bombay	68	Gurgaon (H. S.)	25
Bombay	74	Gurgaon (H. S.)	25
Bombay	80	Gurgaon (H. S.)	25
Bombay	87	Gurgaon (H. S.)	25
Bombay	90	Gurgaon (H. S.)	25
Bombay	97	Gurgaon (H. S.)	25
Bombay	104	Gurgaon (H. S.)	25
Bombay	113	Gurgaon (H. S.)	25
Bombay	117	Gurgaon (H. S.)	25
Bombay	119	Gurgaon (H. S.)	25
Bombay	124	Gurgaon (H. S.)	25

STINDE RAILWAY.

Item	No. of Cans	Total Weight
Kentucky	4	8
Kentucky (McLeod Str.)	6	12
Do (I rest)	4	8
Lamb	29	58
Dishes	10	20
Toasted	7	14
Cornmeal	76	152
Melting	84	168
Bacon	101	202
Kentucky	18J	362

The Government Steam Ferry Boat plies between Forties and Grifone  
La Theda (Hydrology) is a creature to marvel, in connection with the  
same.

HOLKAR STATE RAILWAY.

[illegible]

NIZAM'S STATE RAILWAY

Location	Plants in 1939	Plants in 1940	Plants in 1941
Unburned		Beaver Island	1
Wick Junction	7	St. James & Street	1
Chickspur	16	Hydrated	6
Swan	40	Longsight	27
Thayer	40	Prophet	74
Lander	86	Henry St.	81
Dinner	81	Dinner	81
Thompson	77	Conductor	78
Thompson	91	Thompson	80
Longsight	147	Brown	86
Hydrated	123	Chickspur	114
St. James & Street	187	Wick Junction	181
Beaver Island	136	Beaver Island	136

# WORMEYNEE STATE RAILWAY

[illegible]

TABLE No. 1.

FROM AHMEDABAD TO MOUNT ABOO DIRECT VIA BHHSULNUGGUR AND PAHLUNPOOR.

GENERAL DIRECTION, N. to S.

Authentic.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.			
			Stages.	Total.							
Military.	Civil.		Miles.	Parangs.	Miles.	Parangs.					
General Officer Commanding Madhya Division, Ahmedabad.	Collector of Ahmedabad.	From Ahmedabad Cantonment Church to Adwa.	0	4 1/2	0	4 1/2		Soil sandy; country flat, open and cultivated; water runs rather deep.	Absent and good from 3 leaps well and tank. The well was built in A.D. 1699, and cost Rs. 5,00,000.	Limited, 5 or 6 leaps.	200 houses; occupying ground N of the wall. At 2 m. 2 1/2 f. across the Subarnarekha river at a ford close to the Madhya Bank, facing the river a good sandy soil plain lies. At 5 m. 7 1/2 f. Chaudhara, 200 houses, 2 leaps. At 7 m. 8 1/2 f. Jondhal, 150 houses, 4 leaps.
	Resident of Baroda.	Ropal	11	2 1/2	20	7		Do.	3 wells and 1 tank; water for 8 months.	20 leaps.	200 houses; country cultivated and partly this height; occupying ground good. At 8 m. 1 1/2 f. Chaudhara, 200 houses, 10 leaps. At 7 m. 1 1/2 f. Adhwa, 200 houses, 8 leaps.
	Political Agent, Malwa Kanta, at Baroda.	Mirasa P.	0	0 1/2	20	7 1/2		Do.	Several wells.	Absent.	2,000 houses; occupying ground good. At 2 m. 7 f. Chaudhara, 40 houses. At 3 m. 1 1/2 f. Kanta, 100 houses, 8 leaps. At 2 m. 2 1/2 f. Kanta, 40 houses. At 4 m. 8 1/2 f. Kanta, 40 houses. At 5 m. 8 f. Kanta, 20 houses. At 6 m. 4 1/2 f. Kanta, 20 houses.
	Resident at Baroda.	Kacharva	8	7 1/2	28	7		Soil sandy; good tank road.	Wells and 4 tanks.	6 leaps.	400 houses; occupying ground good. At 2 m. 8 1/2 f. Chaudhara, 40 houses. At 4 m. 2 1/2 f. Chaudhara, 200 houses, 20 leaps.
		Resident at Baroda P.	11	4 1/2	39	4 1/2		Do.	Absent.	Absent.	Large town. At 2 m. 4 1/2 f. Warrana, 250 houses, 6 leaps. At 4 m. 4 1/2 f. Duggarva, 100 houses, 6 leaps. At 2 m. 4 1/2 f. Kanta, 200 houses, 12 leaps.
		Jamni	8	5 1/2	47	3		Do.	3 wells and 1 tank.	8 leaps.	150 houses; occupying ground good; country cultivated. At 2 m. 8 1/2 f. Pandra, 80 houses, 1 leap. At 3 m. 2 1/2 f. Hissayor, 25 houses. At 4 m. 1 1/2 f. across the Sagar river, 300 yards wide, banks very. At 5 m. 5 f. Gomti, 1,500 houses, 40 leaps; water abundant.
	Political Superintendent at Pahlunpoor.	Pahlunpoor	11	1 1/2	58	4 1/2		Do.	Surrounding River.	20 leaps.	120 houses; occupying ground good. At 2 m. 4 1/2 f. Chaudhara, 200 houses. At 3 m. 7 1/2 f. Madhe Chaudhara, 20 houses. At 4 m. 1 1/2 f. Chota Chaudhara, 20 houses. At 5 m. 7 1/2 f. Pandra, 20 houses, 12 leaps, country covered with thin jungle.
		Pargana	8	0 1/2	66	3		Do.	Wells.	20 leaps.	400 houses. At 4 1/2 f. across the Subarnarekha river, 300 yards wide, no banks. At 1 m. 5 1/2 f. Mayyol, 70 houses, 6 leaps. At 2 m. 1 1/2 f. Ropani, 200 houses, 4 leaps. At 3 m. 1 1/2 f. Lohana, 20 houses; country cultivated.
		Pahlunpoor Kanta P.	8	4 1/2	74	4 1/2		Do.	Absent.	Absent.	Large well town, residence of the Dewan and the Political Superintendent of the District. Pahlunpoor, occupying ground good, near the Political Superintendent's bungalow. At 1 m. 4 1/2 f. Chaudhara, 10 houses. At 2 m. 3 f. Pandra, 12 houses. At 3 m. 4 1/2 f. Warrana, 20 houses, 7 leaps. At 4 m. 4 1/2 f. across the Subarnarekha river, 250 yards wide, banks very. At 5 m. 5 f. Chaudhara, 20 houses; country open.
		Carried over.			82	4 1/2					

Authorities		Name of Stage	Distance		Road and foot	Water	Supplies	Remarks
Military	Civil		Single	Total				
			Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Hong Kong Garrison		Through over						
		Chikwan	9	8	80	8	8	20 houses; some good. At 1 m. off Ball's Bay 20 houses in all. At 2 m. across the Larkspur river 60 yards wide, looks like. At 3 m. 2 / Karpore 120 houses. At 4 m. 8 / Tapanore 12 houses.
		Barra	11	11	100	0	4	100 houses. At 1 m. 2 / across the Bhadrav river to Tapanore, 8 houses. At 1 m. 4 / below 15 houses. Country covered with thick jungle.
		Across Gomati river to Garwa	10	14	110	7	None	12 houses and a number of 10 sheep to 1 / over the road; Gomati river 12 yards wide, looks very bad. At 1 m. 6 / Karpore 20 houses in all. At 2 m. 12 / across the Karpore river, 60 yards wide, looks very bad. At 3 m. 12 / across the Gomati river 400 yards wide, looks very bad. At 4 m. 12 / below 100 houses, 1 sheep. Country covered with thick jungle.
		Atanki	14	4	130	8	Abandoned	A large village with a Vaidik D. temple and some other ground on the left of the road; Bhadrav Gomati at Tapanore, 11 miles further on. At 1 m. 4 / Bhadrav, 60 houses, 7 sheep. At 2 m. 12 / across 20 / across 8 sheep; across the Bhadrav river near Darnam, 60 yards wide, bad. Looks like.
		Uncovered landscape	6	7	137	15	Abandoned	1. Bhadrav for European troops. Bhadrav for 200 men. Food and Intelligence Office. At 1 m. 4 / Tapanore. A new village with 100 houses, Bhadrav and a good 24 sheep of the Bhadrav. Bhadrav. At 2 m. 12 / a Bhadrav and well at the foot of the hill. At 3 m. 2 / another Bhadrav. At 4 m. 12 / also 100 m. 12 / but. At 4 m. 8 / Bhadrav, looking of good water. At 5 m. 8 / Bhadrav quite top of hill. The road up the hill is very steep and winding and in many places very narrow; cattle highly to be seen get up, but on a side the cattle is carried by mules, ponies, bullocks, and oxen. Country covered with jungle.
		Total		217	8			
		14 Miles.						

Note—The distance by the G river part is 12 m. 2 / Bhadrav, via —

To Gomati as above	115	7
To top of hill	3	8
To top of Bhadrav landscape on Gomati	6	8
Also	9	0
Total	133	0

The above is a different set.

The route via Darnam is as follows:—

Abandoned in Darnam	80	7	and 100 m. 12
Darnam to Bhadrav	61	8	
Total	141	5	



Audience		Times of Day	Between		Head and Tail	Victor	Copy No.	J. J. K. K.
			Stage	Total				
Military	Civil		Males	Females				
			Males	Females				

\* note may be used on this route between Kalam and Fossil by proceeding by the terms of Miscellaneous 1, authorized for a significant town or State trading Kalam to the right, but the road is not so good. The stages to follow —

General Character, Occurrence, Northern Extremity Abundant.		Collected at Kuma.		8 71		8 71		Heavy road		but tolerable		Abundant		Abundant	
Bakura		Majumdar		13	3			23	31					A small town; Bakura Station and Post Office some 40 miles north; across the Bakura river is from Bakura the Kumaon at the village of Anand, at 14 m. with low hills and small streams, and the Bakura alone in the mountainous with a rapid stream, and some to 1, rather difficult.	
Tand		Tand		13	7					Bakura, after crossing the Bakura river, there is a long hill very in pass		14		Then Kumaon at 8 m. and Kumaon at 8 m. / At 8 to 4, across the Bakura mountain, with steady but not a good deal	
Tand		Tand		13	8			23	31						

Notes--The Hawkeye Parole and Central India Railway runs from Haridwar to (Ludhiana) distance 61 miles. The Railway Station is 3 miles from the Cantonment Grounds of Ludhiana and 1 1/2 miles from the Church of St. Paul.

TABLE No 3 (1)

FROM AHMEDABAD TO BHOJ, BY SURKEJ, DRANGDRA, HULVUD, AND  
KAJOORA FORD OF THE BUNY (NEAR MALLIA).

GENERAL INVESTIGATION OF THE

Authority		Form of Slope	Distance		Road and Soil	Water	Vegetation	Remarks	
			Single	Total					
Library	City		Miles	Feet					
General Office Engineering Northern Division, Alameda	Definition of Alameda	Alameda Canyon road crosses to bridge	0	14	0	14	Made road, but sandy	Alameda. From well and tank but much of it is made of a well of water which is the same of the largest springs	Alameda. 20 slopes.
		General B F	7	84	17	04	Well sandy, road made	Alameda is good. Some wells and tanks	Delta
		General office		17	01				Alameda is good. Some wells and tanks

Authority.		Karnes of Survey.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stages.	Total.						
Military.	Civil.		Miles.	Parangs.	Miles.	Parangs.				
Collector at Alambabad.										
		Brought over	—	17	01					
		Dudhaka	18	5	25	41	Road winding, among rice-fields & scrubby ground.	Abundant & good from 8 wells and a tank.	Roady; 8 shops.	100 houses; good occupying ground on the north, near the tank. At 3 m. 7 f. Bury, 200 houses; a large wall of good water, and good occupying ground. At 7 m. 1 f. Kowar, 80 houses. At 8 m. 8 f. Haseppur, 20 houses. At 10 m. 1 f. Madhwar, 150 houses, water and supplies. At 12 m. Madhwar, 100 houses. Country open and cultivated, but scrubby.
		Shapur	12	7	43	31	Good and hard road after the rains.	Well of rather brackish water; a tank of good water, with pit in the bed in the hot weather.	Ditto; 2 shops.	100 houses, on the N.E. extremity of the Hill Boley, or Little Boley; good occupying ground NW. During the rains, and after a fall, the country about Shapur is flooded, in which case Troops send mules from Madhwar to Mysore, leaving Shapur 2 or 3 m. to the south. At 3 m. 4 f. Shapur, 80 houses, 4 wells. At 5 m. 8 f. Gadagpur, 20 houses, a well, and tank. At 12 m. 6 f. cross rail road. Country open, and partly cultivated.
		Lockpur	12	2	36	25	Good and hard road in dry weather.	1 well, slightly brackish; and tank of good water, and pit in the bed in the hot weather.	Ditto; 2 shops.	200 houses; good occupying ground NW. beyond the tank. At 3 m. Dura Kutyapur, 40 houses. At 6 m. 8 f. Madhwar, 20 houses, a tank, and 1 shop. At 10 m. Bhat, 20 houses. Country open and barren. Cross the railway near Lockpur.
		Cheruk	12	4	72	45	Road very windy, but hard and good in dry weather.	Brackish and sandy, from a small tank and wells, in November 1897.	Ditto; 4 shops.	30 houses; good and sandy occupying ground E. At 6 m. 8 f. Karyapur, 20 houses. At 8 m. Madhwar, 20 houses, and a tank. At 8 m. 8 f. Udaywilla, 100 houses, water, and supplies. At 11 m. Poyda, 20 houses. Cross a small path to Cheruk. Country low open jungle, with cultivation near villages.
		Dumra P.	12	2	81	61	Tolerable cart road, rather stony.	Abundant from the Phlita river, a tank, and numerous wells in and outside the town, all of which are now brackish.	Abundant.	A horse walked down on the Phlita river; Post Office, and occupying ground good E. of town and left of the main road to Madhwar. At 4 m. 4 f. Lakura, 20 houses. At 6 m. 7 f. Dandurao, 40 houses. Country made better with low jungle, and cultivation near villages.
		Jura	8	6	91	81	Good road, but nearly already stony, from 3 m. 8 f. to 8 m. 1 f. leading between two ranges of low hills.	1 well and tank, till downy, and a well with the better a little brackish.	Sandy.	100 houses; occupying ground NW. At 6 f. cross the Phlita or Shapur river, bed sandy, banks low, 25 yards wide. After passing through the hills, the country is an open and cultivated plain, across two wet hills.
		Hahar	20	3	101	85	Good and hard road, occasionally stony.	Abundant & good from wells, and a large tank in the NW., occasionally dry in April.	Abundant.	A walked town of 2,000 houses; occupying ground W. of the town near the tank, low and damp. At 5 m. 1 f. Kowar, 20 houses on a large tank.
		Maswader	11	7	116	41	Good road, but heavy in the beds of the river and tanks.	Good, from a large tank, in November, and a well.	Shop.	20 houses; occupying ground good, and high, to the river near the tank. At 6 m. 8 f. Wundawadi, 150 houses, on the Danore river, 250 yards broad, bed sandy, opposite bank steep, stream small.
		Kajura	18	41	130	1	Excellent cart road, level country.	Abundant, and good, from the Madhwar river.	Stony; but provisions from Madhwar, 12 m. to the west.	A small village, on the border of the Boley; occupying ground good. At 3 m. 8 f. Wuyyapur, 10 houses, 3 wells, a tank, and 2 shops. At 6 m. Kalyan, 100 houses, 2 shops. The passage of the Madhwar river avoided by crossing here, instead of over Madhwar.
		Carried over	—	—	130	1				

General Officer Commanding, Northern Division, Alambabad.

Authority		Name of Stage	Distance		Road and Soil.	Water	Supply.	Remarks
			Stage					
			Miles.	Fathoms.				
Highway	Canal							
		Brought over			130	1		
		Midway	14	8	144	8		
		Charvalla or Chav-walla	15	8	200	0		
		Palace	13	0	178	0		
		Devdyo P	7	4	180	4		
		Kanyakhase	9	8	186	7		
		Palace	10	8	200	11		
		Sham Chattramasi S P	9	7				
		Total			210	45		
		20 March						

Colonial Office Commanding Northern Division, Ahmedabad

Political Agent in Kathiawar

First 8 1/2 m hard sand and good road; the Bara hills north; but quite passable for carts on 17th December 1937

Good wet road, but heavy in the rainy; best of river and rain; soil sandy

Good in dry weather but swampy in the rains

Good and commonly heavy sand, and often bad by jungle

The first 7 1/2 m good road, the rest soft forest

Good but sandy; road over level country

Good road

Absolutely good, from a large tank; add wells

Other 6 1/2 m, from house 2 large tanks, and 4 wells

Absent

Good

From a large tank and 2 wells; source is lost over soon frequently

Absent

Absent

Absent

Absent

2500 houses, and a small road dirt, and swampy ground 200 yards N. also is the N. At 1 m 1/2 / Ambar 180 houses, 20 shops, and wells At 2 m 2/2 / Hahadpur, 70 houses At 3 m 2/2 / Chattramasi, good soil water, and 11 shops. Country level and partially cultivated, with patches of jungle

A small village; good and high swampy ground to the N. near the wells. At 1 m 1/2 / cross a river with broad sandy bed, and low banks. At 4 m 2/2 / Chattramasi no supply. Country well-shaded, with patches of low jungle

200 houses, good swampy ground to the S. and E. of the tank. At 4 m 2/2 / Davao (in, supply), and a large tank of good water At 4 m 7/2 / cross a wide valley. Country covered with low jungle

Travelers' bungalow and Post office, under an extensive hill fort, and to the south of a large walled town. The residence of the Raj of Kathiawar and the Political Agent At 4 m 4/2 / Chattramasi, with a good well At 7 m 2/2 / Hahadpur a small village on the Pal. river, which flows

Before transport over the Kiam, its initial state should be carefully monitored, as any heavy rain or strong NW winds may render it impossible at any time of the year.

It generally commences to rain in March. The NW winds forcing water up from the Gulf of Katoh are now found to be 11 feet and it is nearly to exceed 2 feet, the Katoh side being the deepest. The floods of the Dromas river have been known to deepen the Kuro to 8 feet, and render the water sweet from there to shore. Good grades are readily possible, and should always be taken. When found in company of oyster deepens (or mud) and bays should be in consequence of the gulf's cross collection. Just, and about during the day, all strapping should be prohibited, and a sufficient number of guards provided. A line indicated on the opposite bank would be a useful beacon.

On the 17th May 1880 a respondent of Native ancestry crossed the 6 miles of Kiam in three hours. The first half mile was hard work; from thence to the third mile under water, at first bottom-deep and gradually deepening to above the knee, with heavy load to the middle thigh. About 60 Indians and some animals were lost, and a few horses rescued with difficulty. The remainder for a mile more when the water increased.

In the early part of November 1968 this had two small dry, but a storm, which happened in the end of that month rendered it impossible until January 1969. On the 15th November 1967 it was dry, on the 23rd November 1968 it was reported impossible, and a detector of 64 miles was made to the 7-cm wave, were in the end, which was found quite possible, but a little smaller. The detector is 64 miles.

Authorities		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Miles.	Fathoms.				
			Miles.	Fathoms.				
General Officer Commanding Southern Division, Ahmednagar.	Political Agent at Raigad.	To Boorwadi	116	4	.....	.....	.....	Table Table No. 2. (1)
		Yamdi	8	0	Excellent cart-road, over a level country.	Abundant, & good from a large tank.	None	A small village on the border of the Range, encompassing ground low, but good, near the tank. At 8 m. 3 f. Weyajpore.
	Political Agent in Marathwada.	Yamdi to Ma-	18	0	On to Ma, except after rain; the last 4 miles of Range low on the 2nd March 1903.	Good from a tank, & a mile distant, and (possibly) from a well.	None	A small village, encompassing ground high and good. At 1 mile enter the Range, which is here 10 miles across; from the shore of Katch to Kachnara, 8 m., through level sandy country.
		Shilapoor	0	4	First 3 miles hard and good; the rest sandy.	.....	.....	Table Table No. 2. (1)
		To Khoy	65	4	.....	.....	.....	Table Table No. 2. (1)
		Total	193	7	.....	.....	.....	Table Table No. 2. (1)
		19 March.	.....	.....	.....	.....	.....	Table Table No. 2. (1)
	The Route via Kalia to the 2nd March.							
	Political Agent in Marathwada.	To Kalyan	10	5	.....	.....	.....	Table Table No. 2. (1)
		Kalyan	17	7	Good cart road, soil black.	Wells and tanks.	30 Sheep, Red.	200 houses; village of the Malis. Encompassing ground near tank. At 6 m. 4 f. from Wankarwadi, 120 houses, on the left bank of Kachnara river, supplies procurable. At 11 m. 7 f. from Boorwadi, 40 houses, 1 well, 1 tank, and 1 shop. At 15 m. 8 f. from Weyajpore, 70 houses, 2 wells, 1 tank; supplies procurable.
Political Agent in Marathwada.		Kalia	7	4	Do.	2 Tanks and 1 well near river.	Abundant, 12 sheep.	200 houses; encompassing ground on the bank of Kachnara river, towards the village. This river is 7 fathoms wide here, banks low, bed rocky, water 3 feet, and rather difficult for carts to cross. At 8 m. 4 f. from Chikilwa, 80 houses, 1 tank, 1 shop. At 7 m. 7 f. from Kalyan, 15 houses, 1 well, and 1 tank; supplies procurable.
		Wankar	11	5	Good good	2 Tanks, 1 well of good water; m. W. of town.	Abundant	Four Kachnara 45 m., 8 m. 7 f. further Range commences; the Range is 6 m. 8 f. across; Wankar is a walled town of 250 houses. Encompassing ground 1 mile west.
		Tharwadi	12	2	Good good, soil sandy.	Wells and tanks, water in different.	None	A small village; encompassing ground good and high.
		To Khoy	60	4	.....	.....	.....	Table Table No. 2. (1)
		Total	207	5	.....	.....	.....	Table Table No. 2. (1)
		19 March.	.....	.....	.....	.....	.....	Table Table No. 2. (1)

The route from Ahmednagar to Khoy, via Anjole, is given, Ahmednagar to Kalyan in Table No. 10 (1), and thence to Khoy, Table No. 20, (1)



TABLE No 3 (2)

FROM AHMEDABAD TO BHOOJ VIA VEERUMGAUM AND DRANGDRA

GENERAL DIRECTION, W. H. H.

[illegible]

TABLE No 4 (1)  
FROM AHMEDABAD TO BROACH VIA BARODA.  
CENTRAL DIRECTOR, B

Authorities		Name of Bridge	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Fathoms					
General Officer Commanding Southern Division, Ahmedabad		From Ahmedabad to Baroda			71	(1)		See Table No 2	
		Etah	15	3	86	2	Good to Mullapoor, the rest a country cart track with deep ruts, and thick, almost impenetrable in the rain	Heavy Dader, tank and wells	At road end
		Gandhinagar	10	0	97	2	A route track, in some places with a good surface, in some with a bad surface	Heavy Dader, tank and wells	At road end
		Tadli	12	1	111	3	Good, with deep ruts	Heavy Dader, tank and wells	At road end
		Baroda	12	3	123	6	Very rough and full of holes, from the rain, the road is full of holes, and the water is very muddy after heavy rain	Heavy Dader, tank and wells	At road end
11 March					123	6			
General Officer Commanding Southern Division, Baroda		From Baroda to Broach			81	(1)		See Table No 3	
		Broach	11	2	92	3	Good road, but full of holes, from the rain, the road is full of holes, and the water is very muddy after heavy rain	Heavy Dader, tank and wells	At road end
		Baroda	10	7	102	10	Good, but rough	Heavy Dader, tank and wells	At road end
		Broach	10	7	112	17	Good, but rough	Heavy Dader, tank and wells	At road end
		Total			183	24			
11 March					183	24			

The distance by rail from Ahmedabad to Broach is 123 miles.

TABLE No 4. (2)

## FROM AHMEDABAD TO BROACH VIA KAIRA AND OMHA.

CENTRAL DIRECTOR, R.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division, Ahmedabad.	Collector at Kaira	From Ahmedabad to Ahmednagar.		21 21				Feet Table No. 3
		Omha	10 0	07 23	Tolerable cart-road, over sandy soil on both sides of the river; it passes through deep and narrow ravines, the roads through which are rugged & generally by the villages	Abundant from the Kyla river, and J wells	Moderate	800 houses, and ramad fort; water 1 m. away from ground; the best ground 3/4 W, near a tank, and on the road to Cambay
	Resident at Broach.	Padri	8 4	78 27	Ditto	2 large tanks, on the Kyla river, abundant at all seasons	Abundant	1500 houses; swamp NW; a large diorite salt on the bank of one of the tanks. Cross the river at Omha At 1 m S of Broach, 800 houses.
		Mangrusa	10 7	88 34	Good, but sandy	Tanks and wells	Ditto	A large village, swamp on the NW, on good ground. At 4 m distant At 5 m 4/7 across a river At 10 m 1/2 reaches river to Pangabera
		Lo Broach	28 41					Feet Table No. 4 (1)
		Total		115 24				
		10 Marches						

The Omha ford is seldom passable until after the 1st of December, and is impassable at high water of spring tides all the year round. The channel is sandy, with a shingle bed in the centre, and seldom less, often more than 3 ft. of water at low tide. Two boats are kept during the rains. If there should be any doubt of the fords at Dahanu and Omha being passable, except ascending from Ahmedabad to Broach should be round by Baroda. — Feet Table No. 4. (1)

TABLE No 4. (3)

## FROM AHMEDABAD TO BROACH VIA DEHWAN.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages						Total	
			Miles Furlongs	Miles Furlongs						
General Officer Commanding the Northern Division, Ahmedabad	Collector at Kaira	From Ahmedabad to Kaira.		21	22	Heavy sandy road, ge- nerally through new ravines.	Abundant. From wells and tanks.	Abundant	Feet Table No. 2	
	Resident at Baroda	Dehra	10	11	34					35
	Carried over				21					22

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	to village	Miles	to village				
Colonel Officer Commanding Merhara Division, Akrothira 1	Collector at Karam	Brought over			81	81				
		Pachal P	11	8	40	14	Good cart-road, over sandy soil	Abundant, from numerous small wells, & a tank.	Abundant	8000 houses, with a small fort, mosque, near the Malabar tank S of the town. Post Office. At 8 m 7 f Malabar 800 houses. At 8 m 3 f Hama, 400 houses. At 8 m 6 f Pannipat, 800 houses. At 8 m 8 f Bala, 800 houses.
	Dehra	17	21	63	81	Ditto	Abundant, from 10 small wells, tank and river.	10 shops	400 houses, good surrounding ground west. At 8 m pass Dehra's large village with walls, and a few supplies. At 8 m 4 f Karpur, small village, with a tank, and 2 wells, no supplies. At 9 m Bampur. 8 wells and a tank; no supplies. At 12 m 8 f Roor 300 houses, 20 shops & wells and tanks; limited supplies.	
	Collector at Yrora	Pandora	8	6	73	14	Good cart road to dry weather, over which will hardly pass a bullock in the same frame as road and walls.	8 wells and a tank.	Heavy	100 houses. From Dehra across the Myhre river nearly 6 m from bank to bank. At 8 m 4 f from Dehra, Kanyale, a small village with 4 wells and 8 tanks.
		Juchowar P	9	11	81	81	Ditto	1 large tank, and numerous wells.	Abundant, all large house	400 houses, with a small fort in the centre. Post Office. At 8 m 11 f Tary, 400 houses and large tank. At 8 m 21 f Daba 80 houses, walls and tank. At 8 m 1 f Bunkia, 20 houses, walls and tank. Country cultivated.
		Al road P	6	3	88	14	Ditto	Abundant	Ditto	An open town. Post Office. At 8 m 1 f Margowara 300 houses. At 8 m 41 f over the Dehra river impassable at high water. Country as before.
		Kyale	11	8	99	14	Ditto	2 wells, and a tank.	1 shop	210 houses, across a well creek to Yrora, at 8 m 90 houses. At 8 m 1 f Bala, 80 houses. At 8 m 7 f Daba, 100 houses. 8 shops, walls and tanks. At 8 m 8 f Bunkia 180 houses. Country level and cultivated.
		Brach P T	15	4			Ditto	Abundant, from 11 wells, tank, and wells.	Abundant	A large walled town, on rising ground on the N bank of the Merhara river. Head quarters of the Akrothira, Post and Telegraph Office. Railway Station; one of the town open ground for encampment on both banks has continued where the crops are scant. At 8 m 8 f Daba 800 houses. At 8 m 1 f Daba, 800 houses. At 8 m 4 f Daba 20 houses. At 12 m 1 f Kyale 180 houses, 4 shops, and 8 wells. Country cultivated.
Total				112	61					
11 March,										

NOTE.—There is a small dam here between Akrothira and Brach, but the passage of the Myhre at Dehra is troublesome and sometimes dangerous. The stream runs close under the right bank, and at many times and low water, from Dehra to Juchowar about 2/3 of the bed and is about 2 feet deep. The channel bed is hard and pebbles for some miles at all times during heavy rains; earth can pass when the sandy surface is dried. The high springs overflow from 2 to 5 m, and if a road is necessary it is impossible to pass until some days after the spring. In passing from the S bank to the Dehra only the better of the tide stage, the spring is so sudden and violent, that men or carts on the road cannot be overthrown by it. There are three ferry boats, and more can be collected at two or three days notice.





Authority		Name of Village	Distances				Road and Soil	Water	Supplies	Remarks
			Miles	Total	Miles	Through				
Kiloby	Ordi		Miles	Through	Miles	Through				
		Through even		78	5					
Political Agent Korea Korea at Barrak	Changpoo Gala Shie  Total  3 Marches		8	8			Ordi road, black soil	Thick and water shaded soil	10 sheep	20 houses; formerly a large town now ruined situated on the eastern side of the hill at Pungchun
The route by Mohammediat is as follows —										
Collection of Names	From Al see below to Mohammediat	23	24							
	Marsa P	13	4				Ordi road	Wells and tanks	Abundant	700 houses, and Barrak Post Office. At 1 = 11 1/2 Khs. 120 houses, 2 sheep. At 2 = 4 1/2. Arrived, 150 houses. At 3 = 2 1/2 f. Waterless, 200 houses, 3 sheep. At 4 = 4 1/2. Very dry 225 houses, 2 sheep. At 5 = 9 f. Good 280 houses = 13 sheep. At 6 = 4 f. Moreover, 12 houses, 1 sheep.
Political Agent Korea at Barrak	Changpoo Marsa P	58	74							
	Total  3 Marches					87	6			

TABLE No 7.4.

FROM AHMEDABAD TO DEESA, BY MYSANA AND SIDHPUR.

GENERAL DIRECTION, N. BY W

[illegible]

Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
Names of Stages.		Stage.		Total.					
Military.	Civil.	Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Northern Division, Ahmedabad.									
Resident at Baroda.									
	Brought over.....	...	...	21	61	Soil sandy; country slightly undulating, partly enclosed and cultivated; and some thin jungle.	Abundant & good, from 4 wells, and a large tank.	Middling; 15 shops; 23 carts.	150 houses, and travellers' bungalow; encamping ground NW. near it. At 3 m. Wurroo, 200 houses. At 4 m. 5 f. Kurjesana, 100 houses. At 6 m. 4 f. Wursana, 300 houses.
	(Langunj, or Langraji) B.	0	31	31	11				
	Myxana B.P.	12	01	43	04	Ditto	Abundant, from 2 large tanks, and numerous wells.	Abundant	2,200 houses and Post Office; pass through the town, encamping ground about 3 f. NW.; a travellers' bungalow. At 3 m. 1 f. Akhnj, 250 houses. At 5 m. 1 f. Sangunpoor, 200 houses. At 7 m. 4 f. Kairwa, 300 houses. At 8 m. 4 f. Kurwasan, 150 houses. At 9 m. 3 f. Rampoor, 10 houses. At 10 m. 4 f. Kookas, 200 houses.
	Douja P.	14	0	57	01	Ditto; country flat	Abundant, from 1 large tank, and wells.	Ditto	1,200 houses and Branch Post Office; encamping ground to the N. near a tank. At 1 m. 7 f. Tarranteo, 50 houses. At 5 m. 2 f. Dow, 100 houses. At 9 m. Jeytulwasan, 200 houses, and travellers' bungalow. At 10 m. 7 f. Citlora, 300 houses. Cross the Rogain nalla, beyond Tarranteo, narrow and shallow; it divides the Kurroo and Puttan districts.
	Sidhpoor B.P.	7	4	65	44	Soil sandy; country flat.	Abundant & good, from wells, and the Surruwatee river.	Ditto	3,600 houses; Branch Post Office; travellers' bungalow and dhurumeds; people chiefly Goscins; encamping ground about a mile SE. to the right of the high road. At 3 m. 3 f. Kamlee, 150 houses. At 5 m. 0 f. Bhaccha, 100 houses. Cross the Surruwatee river to Sidhpoor; narrow and shallow.
Political Superintendent, Pithampur.									
	Mejta	0	2	74	61	Ditto; country slightly undulating, open, and partially cultivated.	Ditto from wells, and the Ummurdaicee river.	Ditto	200 houses; encamping ground on the river. At 2 m. 6 f. Sujjanpoor, 50 houses. At 6 m. Doongree Wasna, 20 houses. At 7 m. 4 f. Ferozpoor, 200 houses. Cross the Ummurdaicee river S. of Mejta, shallow stream, sandy bed, shelving banks, always fordable. The boundary between the Guikera and Pithampur territories crossed between Sujjanpoor and Doongree Wasna.
	Gud	8	0	82	61	Ditto	Moderate, from tanks, & 1 large well, and pits in a nullah.	Moderate	250 houses; encamping ground N. or S. At 1 m. 4 f. Bussco, 400 houses. At 5 m. Puteusan, 100 houses, and a travellers' bungalow.
	Camp near Deera, Travellers' bungalow, B.P.T.	11	01	...	...	Soil sandy; country flat.	Abundant, from wells, and the Bunnas river.	Abundant	A large cantonment, travellers' bungalow, Post and Telegraph Offices. At 2 m. 5 f. commences thick jungle. At 4 m. 2 f. Nanoo Samtee, 100 houses, 1 chowree, 1 well and 3 tanks, thick jungle up to this village. At 8 m. 5 f. Bhoin, 70 houses, 2 chowrees, well and tank. At 10 m. 2 f. cross a nullah 207 yards wide, banks low, bed sandy and heavy for carts.
	Total.....	...	...	03	7				
	0 Murches.								

Encamping grounds have been marked out at all the stages on this line.



TABLE No 8

FROM AHMEDABAD TO REDUR BY PURANTIA

OF JOURNAL DOCUMENTATION RESEARCH

Activities		Means of Transport		Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil			Stages	Total					
				Miles	Parasangs	Miles	Parasangs			
Colonization of Abandoned	Abandoned Canton (near Church of Yenchin)	12	34	12	14	Chang, sandy	road	well & walls	5 stages	200 houses, good surrounding ground in fields on the right; over a wall. At 2 m. 4 f. the road used to be a branch off in the left. At 4 m. 4 f. a deserted road from the left of all reached from on the right. At 6 m. 4 f. pass Lander 20 houses 1 wall, no cultivation. At 9 m. 1 f. Pass 5 houses in the right 10 houses. At 12 m. 3 f. the cart road from the left joins on left; country open and well water.
Rebuilding of Ruined	Chia	2	4	20	54	Dist.		little	5 stages	200 houses, surrounding ground in fields on the left. At 2 m. 4 f. pass Chia-shan, 100 houses and 2 stages. At 3 m. 5 f. Kow-shan 20 houses and 1 stage. At 4 m. 7 f. Chia-shan 120 houses 2 of up.
Colonization of Abandoned	Yenchin 27	10	8	31	52	Dist.		Abandoned	Abandoned	A large village of about 2,000 houses 2 churches, travellers' bungalow, medical dispensary, Wanchin's kitchen, Post Office and Police Station. good surrounding ground, some a large pond on the left of the road. At 2 m. 1 f. pass Chia-shan 120 houses 1 of up. At 5 m. 5 f. 2 stages 120 houses and 5 stages, about 3 houses in the right. At 8 m. 5 f. Kow-shan 10 houses. At 9 m. 4 f. the cart road from the left joins on left.
Colonization of Abandoned	Lawrence or Lawrence's Gate 27	12	34	44	55	Chang, road, soil and	Abandoned walls and the	From the Kow-shan river	throughout large houses	A small walled town on the right bank of the Kow-shan river; Post Office, travellers' bungalow 2 churches and Wanchin's kitchen. good surrounding ground near the bungalow. At 2 m. 5 f. pass Kow-shan river 20 houses. At 4 m. 5 f. pass a small (ridge). At 7 m. 1 f. 2 stages 20 houses and 2 stages. At 9 m. 3 f. 2 stages 20 houses. At 11 m. 1 f. 2 stages 20 houses. At 12 m. 4 f. Kow-shan 20 houses. At 13 m. 7 f. Kow-shan, 20 houses, country open and cultivated.
Colonization of Abandoned	Yenchin South Gate 27	17	34			Dist.	Abandoned walls and	From the Kow-shan river	Abandoned	A line of up track on the shore of a wild hill; land, it is built in a curve which makes it on almost every side; it is not reached by a small dirt on the highest part of the hill on the north end. Some water is abundant in the right a small water is abundant from a spring in the right. The sun try to the west on a hill is level to the south and east, except very rugged and wild. Travellers' bungalow 2 churches, medical dispensary and Post Office; good surrounding ground near the bungalow. At 4 m. 7 f. pass the Kow-shan river 120 yards wide but rocky banks low. At 1 m. 4 f. pass Kow-shan 10 houses. At 2 m. 5 f. 2 stages 20 houses. At 4 m. 5 f. pass the right wall 44 yards wide but rocky banks low very rough. At 4 m. 5 f. Kow-shan wall and temple. At 6 m. 4 f. Kow-shan the right wall. At 8 m. 4 f. 2 stages 12 houses. At 11 m. 3 f. Kow-shan, 20 houses. At 12 m. 5 f. Kow-shan 20 houses. At 13 m. 7 f. Kow-shan 20 houses. At 14 m. 7 f. Kow-shan 20 houses. At 15 m. 7 f. Kow-shan 20 houses. At 16 m. 7 f. Kow-shan 20 houses. At 17 m. 7 f. Kow-shan 20 houses. At 18 m. 7 f. Kow-shan 20 houses. At 19 m. 7 f. Kow-shan 20 houses. At 20 m. 7 f. Kow-shan 20 houses. At 21 m. 7 f. Kow-shan 20 houses. At 22 m. 7 f. Kow-shan 20 houses. At 23 m. 7 f. Kow-shan 20 houses. At 24 m. 7 f. Kow-shan 20 houses. At 25 m. 7 f. Kow-shan 20 houses. At 26 m. 7 f. Kow-shan 20 houses. At 27 m. 7 f. Kow-shan 20 houses. At 28 m. 7 f. Kow-shan 20 houses. At 29 m. 7 f. Kow-shan 20 houses. At 30 m. 7 f. Kow-shan 20 houses. At 31 m. 7 f. Kow-shan 20 houses. At 32 m. 7 f. Kow-shan 20 houses. At 33 m. 7 f. Kow-shan 20 houses. At 34 m. 7 f. Kow-shan 20 houses. At 35 m. 7 f. Kow-shan 20 houses. At 36 m. 7 f. Kow-shan 20 houses. At 37 m. 7 f. Kow-shan 20 houses. At 38 m. 7 f. Kow-shan 20 houses. At 39 m. 7 f. Kow-shan 20 houses. At 40 m. 7 f. Kow-shan 20 houses. At 41 m. 7 f. Kow-shan 20 houses. At 42 m. 7 f. Kow-shan 20 houses. At 43 m. 7 f. Kow-shan 20 houses. At 44 m. 7 f. Kow-shan 20 houses. At 45 m. 7 f. Kow-shan 20 houses. At 46 m. 7 f. Kow-shan 20 houses. At 47 m. 7 f. Kow-shan 20 houses. At 48 m. 7 f. Kow-shan 20 houses. At 49 m. 7 f. Kow-shan 20 houses. At 50 m. 7 f. Kow-shan 20 houses. At 51 m. 7 f. Kow-shan 20 houses. At 52 m. 7 f. Kow-shan 20 houses. At 53 m. 7 f. Kow-shan 20 houses. At 54 m. 7 f. Kow-shan 20 houses. At 55 m. 7 f. Kow-shan 20 houses. At 56 m. 7 f. Kow-shan 20 houses. At 57 m. 7 f. Kow-shan 20 houses. At 58 m. 7 f. Kow-shan 20 houses. At 59 m. 7 f. Kow-shan 20 houses. At 60 m. 7 f. Kow-shan 20 houses. At 61 m. 7 f. Kow-shan 20 houses. At 62 m. 7 f. Kow-shan 20 houses. At 63 m. 7 f. Kow-shan 20 houses. At 64 m. 7 f. Kow-shan 20 houses. At 65 m. 7 f. Kow-shan 20 houses. At 66 m. 7 f. Kow-shan 20 houses. At 67 m. 7 f. Kow-shan 20 houses. At 68 m. 7 f. Kow-shan 20 houses. At 69 m. 7 f. Kow-shan 20 houses. At 70 m. 7 f. Kow-shan 20 houses. At 71 m. 7 f. Kow-shan 20 houses. At 72 m. 7 f. Kow-shan 20 houses. At 73 m. 7 f. Kow-shan 20 houses. At 74 m. 7 f. Kow-shan 20 houses. At 75 m. 7 f. Kow-shan 20 houses. At 76 m. 7 f. Kow-shan 20 houses. At 77 m. 7 f. Kow-shan 20 houses. At 78 m. 7 f. Kow-shan 20 houses. At 79 m. 7 f. Kow-shan 20 houses. At 80 m. 7 f. Kow-shan 20 houses. At 81 m. 7 f. Kow-shan 20 houses. At 82 m. 7 f. Kow-shan 20 houses. At 83 m. 7 f. Kow-shan 20 houses. At 84 m. 7 f. Kow-shan 20 houses. At 85 m. 7 f. Kow-shan 20 houses. At 86 m. 7 f. Kow-shan 20 houses. At 87 m. 7 f. Kow-shan 20 houses. At 88 m. 7 f. Kow-shan 20 houses. At 89 m. 7 f. Kow-shan 20 houses. At 90 m. 7 f. Kow-shan 20 houses. At 91 m. 7 f. Kow-shan 20 houses. At 92 m. 7 f. Kow-shan 20 houses. At 93 m. 7 f. Kow-shan 20 houses. At 94 m. 7 f. Kow-shan 20 houses. At 95 m. 7 f. Kow-shan 20 houses. At 96 m. 7 f. Kow-shan 20 houses. At 97 m. 7 f. Kow-shan 20 houses. At 98 m. 7 f. Kow-shan 20 houses. At 99 m. 7 f. Kow-shan 20 houses. At 100 m. 7 f. Kow-shan 20 houses. At 101 m. 7 f. Kow-shan 20 houses. At 102 m. 7 f. Kow-shan 20 houses. At 103 m. 7 f. Kow-shan 20 houses. At 104 m. 7 f. Kow-shan 20 houses. At 105 m. 7 f. Kow-shan 20 houses. At 106 m. 7 f. Kow-shan 20 houses. At 107 m. 7 f. Kow-shan 20 houses. At 108 m. 7 f. Kow-shan 20 houses. At 109 m. 7 f. Kow-shan 20 houses. At 110 m. 7 f. Kow-shan 20 houses. At 111 m. 7 f. Kow-shan 20 houses. At 112 m. 7 f. Kow-shan 20 houses. At 113 m. 7 f. Kow-shan 20 houses. At 114 m. 7 f. Kow-shan 20 houses. At 115 m. 7 f. Kow-shan 20 houses. At 116 m. 7 f. Kow-shan 20 houses. At 117 m. 7 f. Kow-shan 20 houses. At 118 m. 7 f. Kow-shan 20 houses. At 119 m. 7 f. Kow-shan 20 houses. At 120 m. 7 f. Kow-shan 20 houses. At 121 m. 7 f. Kow-shan 20 houses. At 122 m. 7 f. Kow-shan 20 houses. At 123 m. 7 f. Kow-shan 20 houses. At 124 m. 7 f. Kow-shan 20 houses. At 125 m. 7 f. Kow-shan 20 houses. At 126 m. 7 f. Kow-shan 20 houses. At 127 m. 7 f. Kow-shan 20 houses. At 128 m. 7 f. Kow-shan 20 houses. At 129 m. 7 f. Kow-shan 20 houses. At 130 m. 7 f. Kow-shan 20 houses. At 131 m. 7 f. Kow-shan 20 houses. At 132 m. 7 f. Kow-shan 20 houses. At 133 m. 7 f. Kow-shan 20 houses. At 134 m. 7 f. Kow-shan 20 houses. At 135 m. 7 f. Kow-shan 20 houses. At 136 m. 7 f. Kow-shan 20 houses. At 137 m. 7 f. Kow-shan 20 houses. At 138 m. 7 f. Kow-shan 20 houses. At 139 m. 7 f. Kow-shan 20 houses. At 140 m. 7 f. Kow-shan 20 houses. At 141 m. 7 f. Kow-shan 20 houses. At 142 m. 7 f. Kow-shan 20 houses. At 143 m. 7 f. Kow-shan 20 houses. At 144 m. 7 f. Kow-shan 20 houses. At 145 m. 7 f. K

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Farthings.				
The route via Kaira is as follows:—								
		Accommodated to Thero- tis as above.	12	11	13	14		
		Political Agent in Mysore Kaira at Kaira.	10	11	23	24	One cart road; well Abundant water.	From Abundant
		Collector at Ah- medabad.	30	4	53	54	Ditto	Abundant
		Political Agent in Mysore Kaira at Kaira.	30	07	83	84	Ditto	Abundant
		Total	—	—	83	8		
		8 March.						

800 houses on the right bank of the Sabar  
matia river. Residents of the Political  
Agent in Mysore Kaira. A company of  
Sahib Infantry stationed here; a large  
circumference of the Sabar (tribesmen),  
Oman, and surrounding ground near Mysore  
Kaira Temple. At 3 m. 1/2, pass Boodha  
100 houses and 8 shops. At 4 m. 1/2, Dura  
rath, 250 houses and 8 shops. At 5 m. 1/2,  
temple, well, and tharwanda; country open  
and cultivated.

A large village. At 6 m. 4 1/2, pass Boodha, 10  
houses, and 8 shops. At 6 m. 5 1/2, Wore  
500 houses, and 7 shops on the Sabarwanda  
river. At 9 m. 7 1/2, Kumbhpoor, 50 houses  
the cleared road from Ahmedabad joins here  
on right; country open.

General Officer Commanding Northern Division, Ahmedabad.

TABLE No. 9. (1)

## FROM AHMEDABAD TO GOGO BY DUNDOKA AND WURTAIZ.

GENERAL DIRECTION, S by W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Farthings.				
			Miles.	Farthings.				
		Accommodated to Ah- medabad.	9	11	9	11		This Table No. 8.
		Political Agent in Mysore Kaira at Kaira.	14	0	23	11	One cart road, well ready.	Abundant
		Bagodra	18	01	40	04	Ditto	2 wells and 2 tanks.
		Political Agent in Mysore Kaira at Kaira.	11	04	51	07	Ditto	Bagodra river
		Collector at Ah- medabad.	18	01	69	08	Ditto	Abundant
		Corried over	—	—	69	8		

As described		Season of Survey	Distance		Road and Bed	Water	Ranches	Remarks
			Stages	Total				
History	Oral		Miles	Parasangs				
		Brought over						
	Collector at Alameda	Elajed	14 5/8	78 1/2	Good grade road, well from large lot of a well commenced grave	Abundant, from the well	Abundant	A large village, 250 houses, good wood, near the well. At 10 m. 1/2 to houses, 3 m. 1/2, 8 wells. At 12 m. 1/2 houses, 125 houses, 1 stage, 1 stage near 2 wells and Lucha river. At 11 m. 1/2 1 stage, 50 houses, 8 stage 4 wells; country open, and cultivated, some strains of wheat, Durum and Tappo, red the Lucha river. Abundant.
	Collector at Alameda	Mod Durys	13 1/2	80 7	Do	Abundant, from one well, and several in the well	Abundant	A small village 10 m. 1/2, 8 houses, some 6 m. near a well. At 3 m. 1/2 Durum, a small well, some, on the bank of the Lucha river, in the household 8 houses, the red Post Office. At 3 m. 1/2, 1/2 houses, 100 houses. Over the Otavio river 5 m. of Durum, and very and Kucha river about 4 m. farther. Coun- try open, and partly cultivated, but scarcely to the left.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells and in	Abundant	A large village on the Otavio river, 1000 houses, Collector a large well, and some 100 houses, some 11 m. 1/2, 1/2 houses, some 4 small towns on the stage, country level, and some to the left. 100 houses on the Otavio river, some good, but badly, 1/2 m. from the 3 m. 1/2 of Wells, 11 m. 1/2, 1/2 houses, 400 houses, 15 stage, 8 wells.
	Collector at Alameda	Wells	8 1/2	50 1/2	Do	Also about, from wells		

TABLE No. 9. (2)

## FROM AHMEDABAD TO GOGO, BY DHOLKA AND DUNDOKA.

GENERAL DIRECTION, N. BY W.

General Officer Commanding Northern Division, Ahmedabad.

Artificiality.		Names of Rivers.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stages.							
Military.	Civil.		Miles.	Perches.						
General Officer Commanding Northern Division, Ahmedabad.		Ahmedabad Cantonment (Ahmedabad to Karmora).	10	51	10	51	Tolerable cart-road, over level country; soil sandy.	Good, from Bahar-nath river.	Moderate; 3 shops.	100 houses, on the left bank of the Bahar-nath; wooded encamping ground. At 2 m. 2½ f. enter Dabli gate of city, and pass through it to Jamsalpur gate at 4 m. 2½ f. Country open and cultivated; some two miles in the last mile.
		Bavra	8	34	18	54	Little	Good and abundant, from well to the west, and river.	10 shops	400 houses, on the right bank of the Bahar-nath river; good encamping ground W. when the grain is out, near some wells and trees. At 2 m. 8 f. Palsar, 800 houses, 18 shops; from hence the road leads for a mile in the bed of a well. At 8 m. 5 f. Mow-poor, 60 houses; good encamping ground. At 5 m. 7½ f. across the Bahar-nath river by a good ford; but heavy sand, and small stream. Country as before. The river is always fordable here from October to June, and dries the river after 10 or 12 days' cessation of rain.
		Dholka P.	8	0	27	54	Good road in dry weather; soil black.	Abundant from tanks and wells.	A headland	A weakly open town, of about 6,000 houses; Post Office; good, but rather confined encamping ground near a tank. Two 4 wells on the road; and at 6 m. 2½ f. Middlepur, 80 houses. Country as before.
		Kata, Bank Gate P.	11	44	38	41	Good hard road in dry weather, over level country, and black soil, but rainy and roughness impossible during and soon after the rains.	Good, from a large tank and 4 wells; but brackish in hot weather.	10 shops	800 houses and Branch Post Office; good encamping ground N. or W.; pass 3 wells and 8 tanks, and several villages off the road, and through an open and partly cultivated country, with some low jungle and grass.
		Hadhia	14	51	52	55	Little	Moderate from tank and wells in its bed, but scarce & brackish in hot weather.	Moderate; 8 shops.	800 houses; good encamping ground near a tank to the W. At 4 m. 2½ f. Uraol, 80 houses. At 7 m. 7½ f. Ghosla, 100 houses, 8 shops. At 10 m. 4 f. cross the bed of the Gopara river, and at 12 m. 7 f. the Owar river. Country level and open, first part cultivated; from Ghosla tanks to be fed in the rains between the rivers.
General Officer Commanding Ahmedabad.		Dundoka P.	18	1	68	64	Little	A large tank of different water; good wells in the right, one mile, near some trees, and brackish water from pools in the Bhadar river.	Abundant	A small town, with good encamping ground, on the right or N. bank of the Bhadar river, under trees; a Collector's bungalow in the town. Po-4 Office. At 6 m. Dindol, 75 houses. At 9 m. 3 f. Bhada, 80 houses. Country open, with thin jungle, and some cultivation.
		To Gogo	50	11						This Table No. 9. (1)
		Total			134	6				
		13 Mares.								

TABLE No 9 (S)

FROM AHMEDABAD TO GOGO, BY DAROOKA AND LUMBEE

GENERAL DISCUSSION, 4 BY W

[illegible]

TABLE No. 10. (1)

FROM AHMEDABAD TO HYDERABAD, BY KURBAN, RAHDINPOOR, NUGGUR PARKUR, AND THE BORDER OF THE RYNN, RAOMA BAZAR, BUDDEENA, AND MAHOMED KHAN KA TANDA.

GENERAL DIRECTIONS, N.W. to W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stages.	Total.						
			Miles.	Percentage.						
General Officer Commanding Southern Division, Ahmedabad.	Collector of Ahmedabad.	Ahmedabad Cantonment Church to Ahmedabad.	9	41	9	41	Well sandy, country flat, open, and cultivated; cart ruts rather deep.	Ahmedabad and good from a large bazaar and tanks. The lower river was built in A. D. 1400, and cost Rs. 5,00,000.	Ahmedabad; 1,000 houses; occupying ground N. of the wall. At 2 m. 2 1/2 f. across the Barhara river, as a first also to the Shikhar Bagh; during the rains a good ferry-boat runs here. At 5 m. 7 1/2 f. Chaudhary, 800 houses, 2 shops. At 7 m. 2 1/2 f. Jomshali, 120 houses, 6 shops.	
		Kuloko B.P.	8	31	17	71	Well sandy, country well cultivated, road good.	Ahmedabad	A large village with travellers' bungalow and Post office. At 5 m. 1 1/2 f. Bhada, 200 houses, 7 shops. At 5 m. 7 1/2 f. Byad, 260 houses, 2 shops.	
	Resident at Baroda.	Karve B.P.	11	8	29	41	Road occasionally hedges and windings; soil sandy, and undulating; telegraph current.	Ahmedabad, from a large tank and well.	A walled town and fort, and a fine palace; an old bungalow for travellers; good occupying ground south, also on a tank to the N. a bazaar Post office here. At 8 m. 4 1/2 f. Ghatral. At 8 m. 2 1/2 f. Bhodasa, 20 houses. Country gently undulating, cultivated, and well wooded.	
		Robatal	14	41	41	11	Road confined by hedges; the last 1/2 m. sandy; soil partly heavy, and occasionally sandy.	Ahmedabad & good from a tank; also 3 wells, 8 of these brickish.	100 houses; occupy 2 or 3 m. At 2 m. 5 1/2 f. Anand, 20 houses. At 3 m. 8 1/2 f. Hargra, 20 houses. At 5 m. 1 1/2 f. Chaudhary, 20 houses. At 6 m. 2 1/2 f. Chaudhary, 70 houses. At 8 m. 1 1/2 f. Dandasa, 20 houses. At 9 m. 2 1/2 f. Fattipore, 40 houses. Country on before, latterly some jungle.	
	Resident at Baroda.	Deodhpur	20	7	61	04	Road much as before; wells provide for water; occasionally some confined by hedges.	Ahmedabad, but not very good, from 8 tanks, and 2 public wells, in the tanks.	Ditto; 50 houses, a fortified temple, and post from Bahadrapur; good and extensive occupying ground to the N. At 1 m. 7 f. Dabari, 20 houses, 3 shops. At 2 m. 2 1/2 f. Barhara, 20 houses, 3 shops, a good tank, and small fort. At 3 m. 7 1/2 f. Barhara, 20 houses. Country level, and generally open, but near Bahadrapur confined by high stiff-bank hedges.	
		Moosipore	12	7	68	71	Ditto	A tank and many wells, but water indifferent.	Ahmedabad	1,000 houses; occupy N. near a tank, or N. At 2 m. 4 1/2 f. Panchdara, 20 houses. At 3 m. across the Moosipore river, with shallow pools in the bed. At 7 m. 7 1/2 f. floor, a large village, 5 shops, and 2 tanks. Country open and flat.
	Political Superintendant at Bahadrapur.	Banasa	9	2	73	14	Good hard cart-road through open country.	Ahmedabad, from 8 large tanks and 6 public wells.	Ditto	A large fortified town; good occupying ground on either side, the largest tank on the SW. From the small villages of Larva at 1 m. 7 1/2 f. and Kurve at 4 m. 1 1/2 f. Country as before.
		Bahadrapur	14	73	87	05	Good road, over level country, in dry weather, but liable to be flooded between the Barhara and Moosipore rivers in the rains.	Ahmedabad & good from tanks and wells.	Ditto	A large walled town; the residence of a Kumbhar, tributary to the Ghatral; numerous trees to the N. and large tanks to N. and W.; occupy on N.E. or N.W. a bazaar Post office here. At 8 m. 2 1/2 f. across the Barhara river, low, shallow, and sandy. At 4 m. 2 1/2 f. near Wazara, 20 houses. At 5 m. 1 1/2 f. across the Banasa river, broad and heavy, with deep sand, and water in pools. At 6 m. 4 1/2 f. Banasa, 20 houses, 2 shops.
		Byat	9	4	102	41	Road confined by low-lying, and occasionally very heavy, over sandy soil.	A tank	None	A small village. At 3 m. 8 1/2 f. near the ruins of Bahadrapur. At 5 m. 1 1/2 f. Bahadrapur, a small village, with a large tank, and good occupying ground. At 7 m. 7 1/2 f. Banasa tank. Country undulating and sandy, covered with grass and jungle, gradually becoming thicket.
		Carried over			102	41				

As Location		House of Refuge	Distances		Road and Soil	Water	Vegetation	Remarks		
Military	Civil		Miles	Parcels						
General Officer Commanding 2nd Division, Kurnool	Political Superintendence at Thar and Pithapuram	Brought over		100	41					
		Meerpoor	8	8	111	73	Best land used by you gle, and occasionally very heavy, over- easily soil.	Two tanks and wells (the latter useless)	Twenty, 8 dumps	
		Meerpoor T	0	1	121	81	Just 4 m. over level ground, with patches of swampy ground the rest over high and more undulating ground	Large and 2 small tanks and wells the latter somewhat useless, but occasionally in the hot weather drawn from Meerpoor, 1 m. to the S	Moderate; 80- 100 dumps plentiful	
		Meerpoor Bale	10	2	184	14	It is good, but sandy road, the road across the field on the right that over the River hard and level, where not shaded	Sufficient for requirements of 11 factory in summer not pits, from about 4 to 8 feet in depth; very irregular but im- proved by being drawn; a party should be sent over night to draw them, and drawing water also carried from Meerpoor.	Wells a few dumps	An unshaded island in the River. At 8 m. 4 1/2 miles the River, which is generally up to level and dry for the 1st of November. At 10 m. 1 1/2 miles beyond Bale, a small island. At 12 m. 3/4 of a number of water pits on the right, some 1/2 of them, and near other pits, called Meerpoor. One care to be taken not to get 1/2 a mile on the The "Meerpoor" in the River are quite a few feet raised above the general level, and covered with long grass as in the case. Marked at 1st Troop Horse Artillery, on 20th November 1890, in 8 x 45 m., good swampy ing, ground
		Meerpoor, Thar, Bale	17	7	189	01	On the 2nd November 1890 and 21st Novem- ber 1891, the best 2 m. of Thar was a little muddy, but not difficult for guns to cross the road of the road hard and good and in Pithapuram.	Abundant from two tanks and wells (the latter useless) and 1890 and 1891; dry in November 1890 generally present in the the River tanks 8 m. 8 1/2 to 10	Wells a few dumps	From Thar and Meerpoor. At 8 m. have Thar Bale and enter the River. At 8 m. 4 1/2 miles Bale on left. At 11 m. 7/8 the shore of Pithapuram. Country low, sandy undulating and covered with grass. At 11 m. 4 1/2 miles (tanks) a deep one with wells in it having longer than most tanks in the vicinity. Marked as above in 4 x 80 m.
		Meerpoor, Thar, Bale	10	8	189	81	Tolerable cart road but 2 m. heavy and muddy, and some part Ching's field	Abundant & good from 7 wells water at 60 feet, and pits in wells.	Moderate; dumps	80-100 dumps and Thar. (The shore under a lorry road, 1 1/2 m. to the shore of Thar with grass and water. good occupying ground 18 At 8 m. 7/8 miles 40 horses, Pithapuram, Thar, and a small tank under a low slope of hills. Country open, except the last two wells, which are very low. Marked as above, in 4 x 80 m.
		Meerpoor, Thar, Bale	10	7	189	14	Overall road tolerably good to the edge of the River over grass valley and rocky and the last hills of 10 m. heavy, other more moderate heavy, but quite practicable for told guns.	Good from 14 tanks with 10 to 20 feet deep and 4 m. dis- tance; swept off by the troops but over 200 again.	Wells and dumps and Thar and Thar	80-100 dumps and Thar. (The shore under a lorry road, 1 1/2 m. to the shore of Thar with grass and water. good occupying ground 18 At 8 m. 7/8 miles 40 horses, Pithapuram, Thar, and a small tank under a low slope of hills. Country open, except the last two wells, which are very low. Marked as above, in 4 x 80 m.
		Meerpoor, Thar, Bale	11	0	208	14	Overall road tolerably good to the edge of the River over grass valley and rocky and the last hills of 10 m. heavy, other more moderate heavy, but quite practicable for told guns.	Good from 14 tanks with 10 to 20 feet deep and 4 m. dis- tance; swept off by the troops but over 200 again.	Wells and dumps and Thar and Thar	80-100 dumps and Thar. (The shore under a lorry road, 1 1/2 m. to the shore of Thar with grass and water. good occupying ground 18 At 8 m. 7/8 miles 40 horses, Pithapuram, Thar, and a small tank under a low slope of hills. Country open, except the last two wells, which are very low. Marked as above, in 4 x 80 m.
		Carried over				208	14			

Activities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Percentage					
			Miles <td>Percentage<td></td><td></td><td></td><td></td></td>	Percentage <td></td> <td></td> <td></td> <td></td>					
General Officer Commanding Buff Brigade D Street, Kurrachee	Public Relations and Staff and Police, at Durrat.	Brought over							
		Year Bohara	11	8	207 15	Clear road, level and good along the edge of the Bazaar the last 8 m. water not so level, but quite practicable	Good and plenty of water from small wells from 8 to 10 feet deep.	Harrows grass, practicable by green, authors and green from the small & better practicable	11 beds on the top of a sandhill, and at the head of an inlet of the Bazaar good occupying ground close to the walls and some trees 1 m. N. of the Bazaar. At 1 m. south the Bazaar, over an inlet, and keep close to the edge for about 4 m. when the land falls and into the Bazaar the road ascending direct across it. Marched in 2 m 45 m.
		Year Thago	17	0	224 11	Clear road, first 8 m. to the Bazaar takeable; next 4 m. on the edge of the Bazaar, over very low 17 m. close under the high and steep bank, with many small sandhills; the rest of the road level and good	Ditto, from 16 m.	Ditto	2 beds on a sandhill 1 m. NW from occupying ground with 1 m. on bushes or grass land, outside the sandhills, extending some distance into the Bazaar. A sandhill between the camp and walls. On leaving Bohara the road runs S for 5 m. then due W. Great care must be taken to keep close under the bank, to avoid quicksands. Marched in 8 m. The distance between Bohara and Thago 22 m. may be shortened into one march of about 12 m. if the Bazaar is dry, by ascending Bohara, which is at the head of an inlet of swampy ground, running about 4 m. inland.
		Year Walker and In drive	16	0	240 21	Clear road, excellent level, dry and level road across bushes or grass land	Small wells of good water at Mallor, 1 m. N. by 1 m. 1 good and large well at In drive 2 m. N. W.	Ditto	A few beds, on sandhills, occupying ground 1 m. W. by 4 m. from Mallor on bushes or grass land. At 1 m. 4 m. from a few beds, on a sandhill about 1 m. N. of the road with some small wells of good water. The ground at this day is water, situated either by of bushes or grass land lying between the sandhills and Bazaar. Marched in 4 m.
		Year	11	8	251 71	Ditto for 11 m., then over low sandhills, not very heavy	Druckish, from 2 small wells 10 feet deep, but abundant & good from 2 wells, 8 m. to the N. E.	Ditto	1 Outpost shelter, sandhills, Police Camp and a police well occupying ground near the walls. About 11 m. leaves the Bazaar and proceed over sandhills. Marched in 4 m.
	Collector at Hyderabad	Boone to Bazar	20	81	270 81	Clear road, generally level and good, all or nearly over Bazaar and Bazaar, the Bazaar a little sandy, and latterly over level ground	Abundant & good from several tanks	Supplies and large village on the edge of the Bazaar, with good occupying ground NW. near a tank. There is Police from Thago let a close on the road, 2 chambers and a police well water 1 mile. A 9 m. horse battery marched on the 18th October 1914 in 18 m. A 6 m. troop marched on the 2nd December 1914, made a detour of 3 m. by reaching to avoid some bad and heavy ground, and performed the distance in 7 m. At 1 m. left the Bazaar, then for 12 m. along the edge of the Bazaar with water, within 100 yards of the foot of the sandhills, then over hard, level, and sandy country. The small bank of Bazaar, with 9 wells, about 1 m. to the N. of the road, at 18 m.	
		Kashan	10	1	280 71	The first 8 m. slightly level and heavy then for about 1 m. over a plain of mud, which with recent rain would retain the per-ops of grass. The remainder over level ground and rail on outlet. The road is worked and the entire distance, level, cleared, and good. 11 beds part ally levelled	One tank and public well, and pits in river	Abundant 1200 m. of op. and 1 m. of 1 m.	1 m. on the horse river, surrounded by thick jungle; crossing 4 m. on the bank, on good ground. At 10 m. 1/2 over the river by the 1 m. bank. water abundant. The road was made 4 m. 8 m. by the 9 m. battery in October 1914. The 6 m. troop, in December 1914, made a detour of 8 m. to the W. to avoid the sandhills, and performed the distance in 6 m., crossing the river at 6 m. the water side on the W, but crossed on the N.
		Deedham R. P.	16	41	296 81	Good and level cleared road, but much is tarred by water-cuts	Abundant & good from a tank and small public well	Supplies and large village abundant	20 horses, surrounded by trees, large irregular chambers and brush. Past office, on camp 8, or on a small to the W. Cross two small ponds to the village, by last during the moon light. A 6 m. battery marched on 7 m., a 6 m. troop in 4 m 45 m.
		Control over			312 81				



Authentication		Station of Stage		Distances		Road and Soil	Water	Supplies	Remarks
Machinery	Ortl	Stages	Total	Miles	Parcels				
		Brought over		115	01				
		Taller B P	13 7	128	25	Good cleared road, over level country, but much intersected by creeks	2 wells	3 shops, small provender on natives, large abundant.	A small village; kangaroo, thornapple, and leech. Post office. Country cultivated with patches of jungle.
		Station Nyder Ki in in Tumb.	10 04	118	21	Same	2 ditto	Abundant, 2 shops	A large village, with kangaroo and thornapple. From the small village of Panna at 8 m. 1 f., Gannan at 5 m. 8 f., Malabar at 8 m., and Jann at 8 m. 8 f. Country at a slope
		Mahomed Khan in Tumb B P	16 2	280	81	Same	Abundant, from Gannan river cultivated valley	Abundant	A large town, the residence of a Deputy Collector, surrounded by trees and gardens, in the Gannan river which flows by very steeply. b.w. kangaroo, thornapple, and Fox. At 7 m. 6 f. Kumbhar, 20 houses, 4 shops, on the Gannan, near small villages along the road. Country at level
		Murugappa Gode	12 7	278	24	Road cleared good and level, a range of low limestone hills in the left. On the last 7 m road and up by creek.	Abundant, from Gannan river	Moderate	A small village with thornapple, south of the same range near. From the small village of Nagpur at 4 m. 4 f., Bhamburda hills at 8 m. 2 f., Murugappa Wagon at 8 m. 1 f., Small Panna at 8 m. 1 f., Murugappa Wagon at 11 m. 6 f. Cross the Pallabla river, a wide narrow plain bridge. Country at level.
		Hyderabad Post B P Z	9 11			Same	Abundant, from Pallabla river, and wells (the Pallabla is the source of the Gannan; it is dry from September to March)	Abundant	From some small villages. Country at level but more rocky. The fort is on a steep rocky hill, on the right bank of the Pallabla river (it is distant). The town is immediately to the N. of the fort, and the cantonment above to the W. of the town, between kangaroo, Fox and Telegraph offices. Kattri, the head quarters of the Indian Army Division, is on the right bank of the Indus, about 24 m. W.
		Total		282	06				
		25 March.							

[illegible]

The Bureau was previously to consider the feasibility for troops from the 1st November to the 15th March, the dates varying from this week 15 days, according to the extent and duration of the mission, and the setting in of the SW winds, by which the Bureau is blocked. A large jetty of 8 ft across from Enghien to Yangou, and thence to James Bay, between the 12th and 20th of October 1944, and although the Bureau was heavy and muddy in several parts, caused no successful impediment. Infantry would, of course, find the march more disagreeable, and should be provided with cranes carrying pulleys of water. All marches by the Bureau should be undertaken at night, so the threat and blowing glare from the sun; neither night is fatal in the direction.



Location		Distance of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
Khazay	Card		Stages	Total					
			Miles	Percentage					
General Office Commanding Head District Kharosh.	Collection at Kharosh.	Brought over		207 34					
		Kharosh in Tash	14	21	201 0	Road heavy and bad over and among numerous mudflats, but practicable for carts with some bullocks	From 4 wells 5/2 to 5/3 water good	20 houses. At 2 m 4/1 poor water in Gote 8 huts and 1 well. At 4 m. Reached in Tash, 50 huts 2/1 to the right good water from a local 5/2 to 5/3. At 6 m. small dry wells, with a deserted village on the left. At 7 m 4/1 Kharosh in Gote 8 huts and mudflats; water from a Kharosh well. Can try as before, but with much jungle.	
		Wangha River	15	36	207 11	Road as before for 11 m, then level and good	All washed, from Pannan river	Abundant	A large village on the Pannan river, which is crossed here by boat. On a water inlet is found a boat. At 2 m. 1/1 Gharosh in Tash 5 huts on a road under fine Kharosh wells. At 5 m 2/1 Kharosh 8 huts to the right on a valley; under fine Kharosh wells. At 7 m 3/1 a small wood of sheep yaks; water good from a large pond for good on the bed of a river. At 11 m 1/1 5/1 on Gote 8 huts, on the N. bank of a large man. Here the Kharosh goes; the N. of country intersected by small, and covered with Kharosh jungle with old ruins near village. Kharosh Pannan, Kharosh station of a place near a public well supplied presumably and with good occupying ground, at about 2 miles N of Wangha River
		Black Affen in Gote	20	0	227 15	Cleared road, level and level, but much water, and in November 12 10 was wet and muddy	Abundant from Gote and water	From Gote and for age proper able	A small village. From Wangha River the road road 10 m, but an order is given a head of 10 Pannan river a distance of 8 m 3/1 is made, which can be crossed after December. Much (bad) jungle on the road. Past the small village of Byrd, Kharosh and Kharosh, at 2 m, 4/1 and 1 at 4/1
		Kharosh in Tash B. P.	18	1	206 31	Cleared road, good and level, but covered by water, and in some places covered by jungle	Good and plentiful from a large tank, and several Kharosh wells	Flour, grain and Kharosh abundant	A large place with good occupying ground. On the left. Five or six small villages near the road, as an attraction named with low jungle. Kharosh, Kharosh, Kharosh and Pannan.
		Gharosh	8	2	200 41	Ditto	Good and abundant from the Gharosh river	Chops	20 houses. At 4 m 2/1 across the Gharosh river (dry in November 1875), and which continues down to the right bank for the remainder of the distance to Hydrabad Country level and cultivated, with patches of jungle and much intersected by small for irrigation. There are small villages (good occupying ground) near the river at Gharosh, on 1 large attraction
		Surtee Sonam in Gote	13	0	212 74	Ditto	Abundant, from Gharosh river	Abundant, from Kharosh	A small village among trees which continue from Kharosh, close by, which supplies are preserved. There are villages on the stage.
		Mahesh Khar in Tash N. P.	15	3	209 14	Ditto	Abundant, from Gharosh river, and grain.	Abundant	A large town surrounded by trees and grass on the Gharosh river, which cross by ferry. Large Kharosh, Kharosh, Kharosh, and Pannan. At 1 m 2/1 from Kharosh at 1 m 4/1 Kharosh at 6 m 3/1 Kharosh, at 7 m 4/1 Kharosh—all small villages, on the Gharosh river with many old ruins within a few hundred rods of the road
		Hydrabad Fort	23	0					210 This table is 15 (1)
		Total			1408 34				
22 March									

TABLE No. 10. (3)

FROM AHMEDABAD TO HYDERABAD VIA NUGGUR PARKUR, ISLAMKOTE MITTEE,  
JAN MAHOMED KA SHUHR, AND GOOLAM ALI KA TANDA.

GENERAL DIRECTION, NW. by W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.		Stage.	Total.					
			Miles.	Furlongs.					
			Miles.	Furlongs.					
General Officer Commanding Sind District, Karachi.	Political Superintendent Thure and Parkur, at Conerkote.	Ahmedabad Cantonment to Mittee (Kote) .....	...	...	237 3½	.....	.....	.....	Vide Table No. 10. (2)
		Dijloodurion .....	10 0	...	233 3½	Cleared road over sand hills.	Well.....	.....	Dhurumala and Post chowkey. At 10 m. pass Mahrar, Tur Betrian and Tur Sangro.
		Nyabhkote P. ....	10 0	...	233 3½	Ditto ...	3 wells in the fort, very soon dry; water is not very plentiful.	No forage or provision procurable.	A small old fort in ruins 354 feet by 337, built on a hill on the east of Dhora Hakro river; cleared road to Nabhoosur branches off to the NE, a dhurumala, Govt. well, Police thanna, Postal chowkey, and trees, and an encamping ground.
		Jhoda old P. ....	12 0	...	273 3½	Cleared road .....	Abundant .....	Provisions of all kinds procurable.	On the right of Dhora Pooran river. Has a Tuppedar's dhara, dhurumala, a well, garden, Police thanna, trees, and Postal chowkey. At 0 f. cleared road to Wunga bazar branches off to the SW. At 3 m. cross Dhora Budhuro. From 5 m. 4 f. Dhora, Pooran river runs west of the road. From Jhoda cleared road to Nabhoosur branches off NE. and to Bhaga ka Tanda SW.
		Jan Mahomed ka Shuhr. ....	11 0	...	296 3½	Ditto .....	6 wells and Pooran river.	Abundant; shops.	180 houses, on the west of the Pooran river; country open and level with thin babool jungle; encamp on the western bank of the river. At 3 m. pass Jhoda now. At 3 m. 6 f. Hyat Laghara and cross the Pooran. At 7 m. Goolam Ali.
		Digree P. ....	0 1½	...	295 4½	Good cleared road through low jungle but cut up by canals.	0 wells.....	Ditto, from 40 shops.	175 houses and a dhurumala. At 6 m. pass Ruwood ka Goto, 15 huts, and 1 well; country level, with thin jungle, and much cultivation near villages.
	Collector at Hyderabad.	Goolam Ali ka Tanda. ....	14 5½	...	310 2½	Ditto ...	7 wells and canal.	Plentiful; shops, and forage abundant.	40250 houses and a small fort. At 4 m. pass Kuzoo ka Goto, 30 houses, 1 shop, on the Hussorwah canal.
		Agar Manoo .....	11 7	...	322 1½	Good cleared road over a hard level plain.	Abundant from a large well and canal.	Scanty, but procurable on notice.	18 houses; encamp on the bank of the canal. Pass several small hamlets near the road; country as before.
		Golana .....	16 1	...	338 2½	Cleared road with some low jungle and many canals.	3 wells.....	Scanty; 3 shops.	50 houses. At 3 m. 4 f. pass Sekundur Lag-guroo ka Goto, 10 huts. At 7 m. 7 f. Shalk Beroor, 60 houses, 4 shops. At 13 m. 5 f. Moala, 80 houses, 8 shops. At 14 m. 2 f. Kheir Mahomed Tora, 40 houses, 5 shops. At 15 m. Jind Khan Jwur ka Goto, 30 houses; country as before.
		Hyderabad Fort.....	13 0	...	...	Ditto ...	Abundant .....	Abundant ...	At 2 m. 7½ f. pass Pubbur ka Goto, 10 houses. At 4 m. 0 f. Janoor ka Goto, 100 houses, 14 shops. At 6 m. 1½ f. Maroo, 60 houses, 10 shops. At 8 m. 7 f. Maggral ka Shahr, 80 houses, 10 shops. At 9 m. 7½ f. Hyder ka Tanda, 200 houses, 15 shops. At 13 m. 1 f. Mahomed Khan ka Tanda, 60 houses, 6 shops. At 12 m. 0 f. cross the Fallaileo river, by a flying bridge from April to September.
		Total.....	...	...	361 0½				
		29 Marches.							

Note.—From Nuggur Parkur to Hyderabad is the line formed for the Postal horse dak. As it crosses much desert it is not recommended for Troops or travellers.



Authorities		Names of Places.	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage						Total
			Miles	Furlongs					
General Officer Commanding Northern Division, Ahmedabad.	Colonel	Brought-over			141 14				
		Mahipor	10	9	151 23	Heavy in some, black & white soil	Abundant	1 large village. At 4 m. S/ above the last a river (probably Lohani) is crossed, a large village. At 7 m. S/ from Lohani Country cultivated.	
		Bandar	18	1	169 24	2 1/2 miles to above then rocky in Poteir (the rest open and level)	Abundant	1 large village; otherwise no cultivated crops. At 8 m. past Ransel. At 8 m. S/ from road, on the left a river but gravel, bed difficult, impracticable to cross and very rapid.	
		Bandar	11	3		At 4 m. cross a steep ridge	DLin	DLin	
		Total			170 44				
		18 March							From the village of Dhandhade and two Bar wallas in this march. Town at a large well 1 m. S/ from station just before to the Chief of Kutchwade. A lot of 400 camels came to the border. At 12 hrs and a few the town, near a military post, named J and others here.

TABLE No 12.

## FROM AHMEDABAD TO KHON BUNDER, BY DHOLKA, KOTR, AND DHOLERA.

GENERAL DIRECTION, S. by W.

Authorities		Names of Places.	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding Northern Division, Ahmedabad.	Colonel	Ahmedabad Cantonment to Haddah	8 8	80 84	Good road, over level country, from the river to Mar, but swampy, and mostly composed of, at other times	A tank nearly dry in March, and dry & landlocked. 2 small wells of good water, 1 mile from the village	Abundant. 3 A tank nearly dry in March, and dry & landlocked. 2 small wells of good water, 1 mile from the village	7 m. Table No. 9 (2)
		Bandar	12 4	92 12				
		Khon Bunder	4 2	96 14				
		Total		96 14				
		8 March						

Notes.—Khon Bunder is near the mouth of the Khon river, which has a washing area, (through a level tract) overgrown for a considerable distance of spring tides. There should not be much below the bunder, as there is much sandy ground to cover, and a dam of 10 ft, or particularly high tide, from any cause, would be the ground on a low tide below it. For the same reason and for the convenience of water (except when it is scarce) or lower down than the village of Khon; the low ground is between it and Dholera, near some of the tanks. On the 11th November 1907 a recent overgrown stream in the creek, and had some of its supply by a considerable rise of tide. Some one went up to the bunder at high tide or at all times in the dry season, and overgrown at spring tides should be avoided, for the reason above given.



Authorities		Names of Stages	Distances				Road and Soil	Water	Dry places	Remarks
Military	Civil		Miles	Feet	Miles	Feet				
		Brought over			878	15				
		Gaja	10	25	888	41	Good cleared road suitable for transport	Good from wells	Water from 4 large wells in the village; no rain stream by grazing the soil	A village with about 50 houses on a hill. There is a large pond in the village and to the right of the road. In the village there are some trees and a few wells in the field.
		Gita	10	25	898	42	Doile	Abundant	Abundant at 1000 ft. above sea level. The water is good and the soil is very dry.	A large village with about 800 houses. It is a typical hill station. The water is good and the soil is very dry.
		Wajal	8	20	908	43	Cleared road, hard and good, the last 4 miles along the bank of the Gita river. The road is very good and heavy is placed.	Abundant and good from wells. The water is good and the soil is very dry.	Water from 3 large wells in the village; no rain stream by grazing the soil	A village with a church and a school. The water is good and the soil is very dry.
		Santharhi L. L. L.	10	25	918	44	For the first 5 miles the road is very good and the last 5 miles good and well marked out.	Abundant	Abundant	A village with a church and a school. The water is good and the soil is very dry.
		Karnath Chaudhary Post Office	10	25			Road for and well marked out; the last 5 miles good and well marked out.	Abundant	Abundant	A large village with a church and a school. The water is good and the soil is very dry.
		Total			898	45				
		84 Miles								

Note.—When the road along the edge of the Range is not suitable (see No. 18) the road is built by the local people between Gajal and Karnath.



TABLE No 13 (1)

FROM AHMADABAD TO KURBACHHE, BY NUGGUR PARKUR, THE BORDER OF THE RUHN, BUDDHENA, AND TATTA.

GENERAL DIRECTION NW

Anchorage		Name of Stage	Distance.		Road and Soil	Water	Supplies.	Remarks
			Stage.	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Mad District Kurachhe	Collector at Hyderabad.	Ahmedabad Court- house to Budhena.		318 51				This Table No. 10 (1)
		Tharyo	11 7	380 51	Good cleared road, over a level plain, with scattered bushes.	Good from one mile, well 30/ deep, and several kachas & wells.	10 shops at about 1/2 mile from the stage.	180 houses with large halcol trees, good encompassing ground N and E. At 2 m. S of Budhena, a small kachal.
		Karna	15 8	341 51	First the through thick brush, then through the jungle with several water cuts, road cleared the rest over a hard level plain.	Plentiful from 1/2 mile, & a small tank.	Abundant from 1/2 mile, & a small tank.	200 houses, good encompassing ground N or SW. At 3 m. Lakho Jesso or Lakho in P. water source and no supplies but forage. About 5 m. from Budhena, three ricepads or fields on the right.
	Collector at Kurachhe	Misrayar P.	9 4	301 14	Good cleared road and level, around a small tank.	Abundant & good from a tank to the N, and several wells.	Abundant from 1/2 mile, & a small tank.	A town of 40 houses, partly as ruins. Post office and diarams encompassing ground N. At 3 m. S = 7/2, and 5 m. S = 3/2, small kachals. Country at first open then jungle with large halcol trees.
		Byal Walla in Gate	7 4	293 51	Good cleared road but covered by some very deep scrub with bridges not possible by goat trails require to be cut down from Durree in G. road very winding, and level.	Unclear, from a small canal.	Moderate from 1/2 mile, & a small tank.	A small village, on the right bank of the P. yarrow river. At 3 m. S of Byal in G. road, at 1 m. S of Lak in G. road at 5 m. Kachal - small kachals on the banks of the Mahimna canal. At 6 m. S of Durree in G. road 30 houses & 10 shops on the left bank of the P. yarrow river (dry in December 1845).
		Shayla P.	9 1	271 61	Cleared road, good and hard.	Abundant from the Indus.	10 shops.	100 houses, Post office and diarams on the left bank of the Indus encompassing ground extensive, but level.
	Thia N Gate B P.	7 3	278 14	Cleared road, heavy and stony.	Abundant from the Indus.	Abundant from the Indus.	The remains of a wealthy and populous city. A British army well-secured here, 14 m. to the W. on a rising ground in 1838 but was found to be too narrow to be abandoned soon after. It is now necessary to an camp troops here for a short time, this is still considered to be the best ground. The Indus is here nearly 4 m. across from bank to bank. The main stream 700 yards broad is deep under the left bank, and is crossed by heads at all times with a view of troops must be procured from Kotra. After crossing the river leave the petty village of Papayar in Gate to the right, and cross a small called the Gura Wall, by a bridge. The border or the usual point of subscription from Thia, is 81 m. (down stream) from the town when the river is at its lowest it is some 2 m. lower down. Post office, diarams, and travel here belongs to Thia.	
				279 14				

Corrected over

No. way	Oril.	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles Percentage	Miles Percentage				
General Office Chaurahang Road District Kurnool	Collector of Kurnool	Drought over Stage	19 0	27% 11	Cleared dirt road, heavy in places	Road and well	Moderate 3 slopes	30 fawns and a Chaurahang, passing ground high and open to the south of the road and out of the village. At 1/2 fawn to the Chaurahang is a small road to the right. At 1 1/2 fawn from the base of Purna Jains on left. At 1 1/2 fawn a descent of 180 yards. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the Chaurahang is a small road to the right. At 4 1/2 fawn from the Chaurahang is a small road to the right.
		Stage B	11 6	40% 74	Dirt	Wells	Moderate 3 slopes	600 fawns, Chaurahang, and the Chaurahang, passing ground high and open to the south of the road and out of the village. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the base of Purna Jains on left. At 1 1/2 fawn a descent of 180 yards. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the Chaurahang is a small road to the right. At 4 1/2 fawn from the Chaurahang is a small road to the right.
		Whizga	8 6	42% 8	Cleared road, dirt and good for 2 miles, the last 2 miles very sandy and heavy clay, the section back of the Chaurahang	Chaurahang 2 wells from a well near the Chaurahang	Chaurahang, 1 of up, some large abundant	An old Chaurahang, Chaurahang and a few fawns, Chaurahang, passing ground high and open to the south of the road and out of the village. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the base of Purna Jains on left. At 1 1/2 fawn a descent of 180 yards. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the Chaurahang is a small road to the right. At 4 1/2 fawn from the Chaurahang is a small road to the right.
		Chaurahang 100 fawns	13 1	42% 9	Cleared road, dirt and heavy very heavy sand, the road bed.	Chaurahang river and wells	Chaurahang, 1 of up, some large abundant	Chaurahang, passing ground high and open to the south of the road and out of the village. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the base of Purna Jains on left. At 1 1/2 fawn a descent of 180 yards. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the Chaurahang is a small road to the right. At 4 1/2 fawn from the Chaurahang is a small road to the right.
		Chaurahang Post Office S.P.T.	13 6		Road, dirt, and well	Chaurahang	Chaurahang, 1 of up, some large abundant	Chaurahang, passing ground high and open to the south of the road and out of the village. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the base of Purna Jains on left. At 1 1/2 fawn a descent of 180 yards. At 1 1/2 fawn to the Chaurahang is a small road to the right. At 2 1/2 fawn from the Chaurahang is a small road to the right. At 4 1/2 fawn from the Chaurahang is a small road to the right.
		Total		42% 21				
		24 fawns						

NOTE.—When the road along the edge of the Range is practicable (see No. 10) this is by far the best road between Goyand and Kurnool.

TABLE No 13 (2)

FROM AHMEDABAD TO KURRACHEE, BY NUGGUR PARKUR, WUNGA BAZAR, AND  
TATTA

GENERAL DIRECTION NW

Lahoris		Names of Stages	Distances		Road and Road	Water	Supplies	Remarks
Mile	Old		Stage	Total				
			Miles Perchages	Miles Perchages				
General Officer Commanding Madras District K. Narayana	Political Representative	Ahmedabad, Canton meets to Urmala		14 13				See Table No 10 (1)
		Ramari	9 0	19 11	Heavily road and very over and across much in difficult 1st not so good as 2nd 2nd is better	2 wells; water not flowing from at Ramari	Tungo about 1000	A few huts. At 3 m. several good wells; at 4 m. Jalangpur, a Police station a few small low wells, and a tank water good and at 5 m. more wells. Country composed of small hills, covered with low jungle, and coarse grass
		Mohamad	12 2	30 21	Ditto	1 police station well and several huts. water supply is about 1000 supply of good water about 15 feet in depth	Ditto	A few huts, as before. At 3 m. some wells of good water. At 7 m. Khatana, a small hamlet. 2 wells of good water. At 10 m. Jinnahpur, the same.
		Wander	11 0	31 11	Ditto	Several wells and water sufficient for a troop of horses	Tungo about 1000	A few huts. At 4 m. 67 Gachak a large village of huts and a tank, abundance of water, from 15 wells and fountains plentiful and good.
		Kori	13 4	33 25	Ditto	Abandoned from wells close to village and 15 others at 8/10 m.	Tungo about 1000	20 huts. At 3 m. Mohan, a few huts about drone of blackish water from several wells and fountains good and plentiful. At 7 m. 8/ Gachak 15 wells water plentiful from wells and good and abundant fountains. At 8 m. 4/7. Before a small village with one well water slightly brackish, and not to be dependant upon; fountains sandy and coarse comprising ground 8 of village. At 11 m. 6/7. Before, 8 or 9 huts
		Taller	0 4	33 11	Ditto	Good and plentiful fountains and wells.	Tungo good and about 1000	A large village
		Deepthi	8 8	34 21	Ditto	Abandoned from wells close to village and 15 others at 8/10 m.	Moderate but fountains plentiful	A large village and well fort in ruins. head a well of a Market rather. Police station Police Post office, Chaurmahal, school house 8 police wells and good surrounding ground. Country composed of small hills covered with thick low jungle and grass. huts and herds at 4 miles in the vicinity
		Wooner to Kori	15 0	35 21	Road over a narrow of heavy sandstone on the road is water brackish but plentiful; a little sweet water in some pits	Several wells in a sandy valley near 110 feet. At 8 m. 3/7 pass a good tank on right. 8 miles. Tanks are shrub 11 m. stage, but they were all dry or silt in bottom 1 or 15 m. Country composed of sandstone covered with thick low jungle and dry grass		
		Grand over		35 21				



TABLE No. 13. (3)

FROM AHMEDABAD TO KURRACHEE, BY VEHRAWOW, ISLAMKOTE, AND WUNGA BAZAR.

GENERAL DESCRIPTION, &amp;C.

Anaclities		Miles of Stages	Distances		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Mad Division, Kurrachee.	Collector at Hyderabad.	Ahmedabad to Wunga Bazar	---	207	14			FM Table No. 13. (2)
		Wunga Bazar to Talpoote	13	31	---	---		FM Table No. 13. (3)
		Talpoote to R.P.	14	5	---	---		
		R.P. to Kurrachee	118	91	---	---		FM Table No. 13. (1)
		Total	---	---	441	1		
		86 Mares.						

TABLE No. 14. (1)

FROM AHMEDABAD TO MHOW, BY MOONDA, TASRA, GODRA, DOHUD, BHOPAWUR, AMJHERA, AND DEAR.

GENERAL DESCRIPTION, &amp;C.

Anaclities		Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
Range of Stages.		Stages.	Total.				
Military.	Civil.	Miles.	Perchages.				
General Officer Commanding Mad Division, Ahmedabad.	Collector at Kurr.	Ahmedabad to Moon- da, to Ullana.	---	80	7	---	FM Table No. 2.
		Moon- da to P.	11	31	---	---	
	Political Agent of Kurr. Head, at Mhowda or Kurr.	P. to Kurr.	19	8	---	---	Good and sandy, Ahmedabad, from Mhow, to Mhow, is a small town; Post office, occupying ground good, between 2 tanks. Cross the Deccan river, small and dry, to Syand, 100 houses, at 3 m. 7 1/2. Koppoon, a few tanks, at 4 m. 11 1/2. Koppoon, 60 houses, at 5 m. 4 1/2. Cross the Deccan river, dry, narrow, sandy bed, and very low, at 6 m. 11 1/2. Country well-thinned with Sal jungle occasionally.
		Kurr. to Mhow.	---	96	41	---	
		Total.	---	---	---	---	
		Carried over.	---	---	---	---	

Anticipation		Manner of Stages	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Per stage					Miles
General Officer Commanding Northern Division, at Ahmednagar	Political Agent of Nara Khair, at Khair or Nara.	Brought over	-	86	41				
		Station 2	16	6	78	11	Good road over hills and heavy tracks leading to a small village.	Abundant from Khair, Khair, and	

Authenticity		Name of Station	Distance		Road and Rail	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles Furlongs	Miles Furlongs				
		Brought over		154 31				
		Tula P	12 7	166 13	Stony and through thick jungle, from Tula to the ghost between ridges of low hills, from the ghost tolerable cart road cross 14 miles.	Wells and tank, & Otseur river with water all the year	3 shops	A small village on the W bank of the Otseur river. At 9 m. numerous Co. wood of the Tula ghost and difficult for carts coming on banks of river.
		Bhepore	11 1	167 31	Good cart road	Abundant	Abundant	A town on the left bank of the Mythe river, which is here very narrow, near its source; extending south. Bhepore occupies the head quarters of the Malwa Hill and the remainder of the Asant. Political Agent is 8 m. W. At 8 m. 5 f. Gomroop, 30 houses, 3 shops. At 7 m. 5 f. K. rapids a large village with water, and supplies Country open and undulating.
		Ampham J	9 8	168 73	Good road	Abundant from wells and a lake like to the W	Date	A town with travellers bungalow, remainder of a forest from Gwalia; ascending ground W. Cross the Mythe by a good ford from Bhepore. At 8 m. 4 f. Munda a small village along whose country slopes to Ampham re water and undulating.
		Other B P	13 0	302 81	Fair weather cart-road black soil, stony in parts	Abundant from tank and wells	Date	A large town and small fort with a good tra- vellers bungalow and Post office. At 5 m. Bhepore. At 8 m. 4 f. Marilla. At 10 m. 2 f. Lang son. Country open, undulating, and partly cultivated. ascending ground N seen east.
		Gomroop	8 5	311 23	Good road, all black	Wells and a lake	1 shop, proce- table from Dikhan, 3 m. N	100 houses; suitable ground for occupying north. At 5 m. 3 f. Jaypore, 20 houses. At 5 m. 4 f. across Bhepore river (bridged). At 8 m. 3 f. cross a large null. Country open and well cultivated.
		Opore	7 1	318 35	Good road for 4 m. 4 f. the road made	Unimproved m.	None	2 houses and travellers bungalow, ascending ground on the left bank of the Otseur river. At 5 m. 1 f. the wide road from Ampham. At 5 m. 5 f. Pancham, 6 huts.
		Aloha	10 13	328 0	Good road	2 wells	4 shops	70 houses and travellers bungalow. eastern the road to the east of the village. At 8 f. pass Ghia Bleda. At 8 m. 4 f. Motra ra. At 4 m. 1 f. Mandhara or Mowla At 4 m. 8 f. Baghman. At 6 m. 1 f. a short second of 80 yards. At 9 m. 2 f. Dandam and Jemroob.
		More Chokrood Chokro B P I	7 1		Date	Abundant	Abundant	A large settlement, head quarters of the More Division. Bombay Army (military) bungalow. Post and Telegraph office. At 1 m. from Pancham, 80 houses 1 shop. At 2 m. 5 f. Dandam and Jemroob. At 2 m. 4 f. Baghman. At 5 m. 1 f. Chokrood Chokro. 20 houses. At 5 m. 3 f. Kow- hara. At 6 m. 1 f. cross the Ghahar river (bridged).
		Total 23 Stations		329 1				
The cart track from Dikhan to More is as follows —								
		Dikhan to Dikhan	12 8	18 8	Pretty good in dry weather, over black soil	Abundant, from tank and wells	Abundant	A large village and hamlet. At 3 m. 1 f. Chokrood. At 5 m. 7 f. Chokrood, cross the Ghahar river. A large village. At 9 m. 1 f. Kowhara. At 11 m. 8 f. Kowhara. Country open, undulating and partly cultivated.
		Bagore	8 0	31 8	Indifferent	From wells, Angur river, and a tank	Abundant	A small village on the Angur river. ascending ground on its high bank. At 8 m. 5 f. Kowhara. At 5 m. across the Ghahar river at Adhara. 100 yards wide steep banks sandy bottom, and small streams throughout the year. Country open, slightly undulating and cultivated.
		More Chokrood	11 7		Tolerable in dry we- ther, over black soil	Abundant	Abundant	A large settlement. At 8 m. 1 f. Kowhara. At 5 m. 3 f. Kowhara. At 5 m. 3 f. Kow- hara. At 6 m. 1 f. Chokrood. Country very undulating and rising to the edges of low hills.
		Total		38 8				





Authorisation		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles.	Package					Miles.
General Officer Commanding, Northern Division Ahmedabad	Toldatal Against Baran Karia, at Baroda.	Brought over		88	51				
		Katval	13	7	111	41			A small village. Crosses three miles near Katval. Pass a low table covered ridge of hills which divides Katval from Gopesh before reaching this. The country is largely, and included by Baran Karia. A section from Putpur and Jhalda pass here.
		Loonvan, or Marwan	7	0	118	41	Small house		A large village and small house on right bank of Marwan river. Country undulating, and covered with thin jungle, thall, and grass; cotton soil in parts, and sandy loam in others, pass three miles.
		Dahad, or Dahad P	14	4	132	51			Large town and respectable fort. Post office occupies W on high ground with a large tank in front and Khad river on right. Country for the last 10 m heavy, and then descend into low ridges covered with thin brushwood; first part open, undulating, and partly cultivated; pass six miles.
		To Mhow	118	31					Post Table No. 14 (1)
		Total		213	8				
		22 Marches.							

TABLE No 15 (1)

## FROM AHMEDABAD TO NEMUCH, BY HURSOLE, KHAIRWARA, AND CODEBYPOOR.

GENERAL DISTRICTS, N.

Authorisation		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles. Package	Miles. Package				
General Officer Commanding, Northern Division, Ahmedabad.	From Kat at Baroda	Ahmedabad. Crosses near Katval to Dahad.	13	61				
				18	51			Charged road and sandy soil the whole trip.
		Bara	10	14				Wells and tanks
		Carried over		28	01			
General Officer Commanding, Northern Division, Ahmedabad.	Collector at Ahmedabad.							
General Officer Commanding, Northern Division, Ahmedabad.	Collector at Ahmedabad.							

[illegible]

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Mhow Division, Mhow.								
Agent to the Governor-General for the States of Rajpootana, at Ajmere, and Political Agent in Mewar, at Oodeypoor.								
		Brought over .....	...	83 1				
		Khairwara .....	10 2½	102 3½	Cart road, soil sandy...	Abundant, from wells and nulls.	Abundant	200 houses, 1 dhurumala, and an old fort. The head quarters of the Mowwar Bheel Corps; encamping ground N.E. of the cantonment on the bank of the Badasar nulls. At 1 m. 1½ f. pass Nowagaum, 30 houses. At 1 m. 7½ f. Soondawara tank, about 4 f. to the left. At 3 m. 2½ f. Rampoor Barotwee, small Bheel hamlet. At 5 m. 2½ f. Amjharra. At 7 m. 5½ f. Bokla, both small Bheel hamlets. At 9 m. 7½ f. Sawod, 70 houses, water from nulls. At 12 m. 0½ f. Bhowalee. At 14 m. 0½ f. Wedla, a Bheel hamlet; cross several nulls in this march, some difficult for carts. Country hilly and jungly.
		Rukunamath .....	0 1	111 4½	Cart road for 6 miles, the rest cleared.	Wells and the Kavel river.	Abundant, 30 shops.	107 houses, a large dhurumala, and a celebrated temple surrounded by a stone wall, about 2 furlongs to the right on the east bank of the Kavel river; encamping ground on the west bank. At 1 m. 5½ f. pass Koobawara. At 2 m. 3½ f. Moondwara, small Bheel hamlets. At 5 m. 4 f. Kagadur, a village scattered over 3½ miles. At 5 m. 7½ f. cross the Sam river, 100 yards wide, bed stony, banks low, easy for carts. Cross the Badasar nulls 4 times after leaving Khairwara. Country as before.
		Farrad .....	10 0½	121 4½	Cleared road, soil rocky, wells and nulls.		4 shops	150 houses, dhurumala, and travellers' bungalow; encamping ground N.W. of the village near the bungalow. At 5 m. 6½ f. pass Peoplee, 150 houses, scattered over 2 m. At 8 m. 0½ f. cross the Parco river. Country as before.
		Teclee .....	10 0½	132 3	Ditto	Nulls and wells	1 shop, procurable from Javara about 2 m. N.E.	70 houses; encamping ground in fields on the banks of the nulls. At 2 m. 7½ f. pass Bara, 60 houses. At 7 m. 6 f. Puddoon, 160 houses, stretching over more than 2 m. of country. Country as before.
		Kaya .....	10 4	142 7	Cleared road, soil rocky, nulls bridged.	6 wells	1 shop	100 houses; encamping ground good on the east bank of a nulls. At 2 m. 2 f. pass Barookoda, a small hamlet. 4 m. 4 f. Bara Pal, a Bheel hamlet, 4 wells, 3 shops, and a travellers' bungalow. Country hilly and partly cultivated.
		Oodeypoor, east or Boodrajpal gate. P.	10 1½	153 0½	Ditto	Abundant	Abundant	A large walled town situated on the east bank of a fine lake among mountains, the residences of a Rajpoot Prince and the Political Agent in Mowar. The walls & works are in a very dilapidated state; a small detachment of the Mowwar Bheel corps is located in the town; encamping ground in fields near the dhurumala where the road to Keemach turns to the right. At 4 m. 7½ f. pass Valoon, 30 houses, and a large tank called Joge Talao. At 6 m. 2½ f. Davalee Kufjoo, 16 huts. At 7 m. 1½ f. Goverdham Velasa, a few huts, 3 shops, a dhurumala, and Raja's palace. Country hilly.
		Durolee .....	13 4	168 4½	Good road, well bridged, nulls	20 wells and a tank.	10 shops	100 houses; good encamping ground to the west near the tank. At 1 m. 3 f. pass a semi on the right and some huts on the left. At 2 m. 1 f. Oodervao. At 5 m. 2 f. Deharoo, 10 huts. At 7 m. 1 f. Deharoo gais and chowks. At 9 m. Arravud. At 12 m. Dubook, travellers' bungalow on the right and road to Nann Murga (a hunting village of His Highness the Maharaja of Oodeypoor 4 miles north) branches off on the left. At 11 m. 6 f. a chowks. Country hilly up to Deharoo gate, thence open.
		Carried over .....	...	108 4½				

Artillery		Division				Road and Rail	Water	Supplies	Remarks
		Miles		Feet					
Military	Civil	Miles	Feet	Miles	Feet				
Central Office Describing More Division, More									
Agreed to the Governor General for the States of Washington, et Agence and the Political Agent in Maynoir, at Oshkosh		Brought over		120	4	Good road bridged	water 10 m/s	None	20 houses; occupying ground to the N. of 1 1/2 f. Deschutes, 20 houses. At 4 m. 1/2 f. Molokai, 100 houses, 8 shops. 10 wells and tank. At 11 m. 4 f. Molokai. At 12 m. 1/2 f. a well. Country open.
		Wines		12	4				
		Vegetables, land less irrigated		0	4				
		Molokai		12	5				
		Molokai		12	5				
Agreed to the Governor General for the States of Washington, et Agence and the Political Agent in Maynoir, at Oshkosh		Molokai		12	5	Ditto	7 wells & m/s.	None	125 houses situated at the foot of a small hill occupying ground to the north of the left bank of the molokai. At 1 m. 1/2 f. cross the creek road from Maynoir to Molokai. At 3 m. 1/2 f. Molokai, 6 houses. At 5 m. 1/2 f. Oshkosh. 20 houses, 8 shops. At 8 m. 5 f. across the old creek track to Molokai. At 9 m. 8 f. Molokai, 8 m/s, and a creek. At 10 m. across the Wagon river 67 yards wide, basin deep had parallel, up stream to divide, over rock.
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
Agreed to the Governor General for the States of Washington, et Agence and the Political Agent in Maynoir, at Oshkosh		Molokai		12	5	Ditto	2 wells	3 shops	110 houses a small stream (to the N. of) occupying ground NW. At 1 m. 2 f. cross Molokai river, 60 yards wide, had steady banks black to Molokai. At 3 m. 1/2 f. Molokai and 1/2 m. At 11 m. 1/2 f. a creek and well. Country open.
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
Agreed to the Governor General for the States of Washington, et Agence and the Political Agent in Maynoir, at Oshkosh		Molokai		12	5	Ditto	Abundant	Abundant	A large settlement, gravelly landscape Past. and Telegraph office; various of ground to the west of the divided aqueduct. At 3 m. 2 f. a creek on the right bank on the left. At 8 m. 1/2 f. Molokai. At 4 m. 1/2 f. a well. At 5 m. 1/2 f. Deschutes. At 9 m. 1/2 f. a creek and sample of the road to the town of Molokai off to the left. At 10 m. 1/2 f. Molokai
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
Agreed to the Governor General for the States of Washington, et Agence and the Political Agent in Maynoir, at Oshkosh		Molokai		12	5	Ditto	20 wells	8 shops	20 houses; occupying ground to the N. of 1 1/2 f. the road, road (to the left) to the left At 9 m. 4 f. Molokai River. At 11 m. m/s. across the Wagon river. 45 yards wide, basin low bed sandy. Soil like 4 or 6 days after heavy rain. At 13 m. a creek. At 15 m. 8 f. another stream.
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
Agreed to the Governor General for the States of Washington, et Agence and the Political Agent in Maynoir, at Oshkosh		Molokai		12	5	Ditto	Abundant	Abundant	A large settlement. At 1 m. 4 f. Molokai a small village. At 1 m. 5 f. a creek At 3 m. 1/2 f. a well or stream. At 5 m. 1/2 f. Deschutes. 100 houses, 8 shops. 15 wells and over the Deschutes river. 60 yards wide low banks, bed sandy. Soil like a day after heavy rain. At 8 m. 1/2 f. a stream. At 9 m. 4 f. Deschutes. 60 houses, 3 shops. At 10 m. 4 f. a well. At 11 m. 1/2 f. a well. At 11 m. 1/2 f. Deschutes. 100 houses, 8 shops. At 12 m. 4 f. Deschutes.
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				
		Molokai		12	5				

TABLE No 15. (2)

FROM AHMEDABAD TO NIRMUCH, BY HURSOLE, MORASSA, BANSWARA, AND PURTABGURH.

GENERAL DIRECTION, N. N. E.

Authorities		Names of Stages.	Distances		Road and Soil	Water	Supplies	REMARKS		
			Stages	Total						
Military	Civil		Miles	Percentage	Miles	Percentage				
General Officer Commanding Northern Division, Ahmedabad		At Ahmedabad to Hursole.			26	0		See Table No. 15 (1)		
		Hursole	10	7	45	7	Good cart-road, in some parts a little confused by jungle country greatly uninteresting, soil hard and	Good soil, also a dam, from Mahara river	3 shops	180 houses on the right bank of the Mahara river, about 30 yards wide, with a small stream, banks steep, but fertile. At 3 m. S of Hursole, at 6 m. S of Purnavara, at 4 m. S of Chavara—small villages. Country very jungle, with fields near villages.
		Morassa	8	4	53	8	Do do	Do do	Absent	A walled town of 1,800 houses, on the left bank of the Mahara river, good surrounding ground. Country as before. Cross the river by a good ford, near Morassa. Dam at Purnavara here.
		Mangrol or Toran	13	3	70	5	From 3 m. good & hard road, mud and gravel, then rocky, less quite practicable for carts & guns, some by cart-lugging.	Do do from Wabrak river, and wells.	Do do	A small open town, on the right bank of the Wabrak river, surrounded by thick jungle. At 3 m. S of Wabrak, at 5 m. S of Bhavara, small villages. At 7 m. S of Bhavara, 100 houses, 3 shops. At 10 m. S of Bhavara, and through a small gate in the hills of half a mile, way for carts. From 3 m. S, country cultivated, then jungle.
General Officer Commanding Western Division, Ahmedabad		Bhavara	7	0	77	5	End of hard red soil, and gravel, mixed with rock, and confused by jungle country uninteresting.	A large tank, which some believe are 6 months earlier from rain in its bed.	None	40 Khel beds, good surrounding ground, 400 yards from the tank. N. but confused by jungle. At 1 m. S of the Wabrak river, past some Khel beds, and across some dry ravine. Country uninteresting and jungle.
		Pad	8	7	85	6	Tolerable cart-road, but story from the tank (at 7th mile, black soil).	Good, from a large tank, and well.	Absent	4000 houses, confined surrounding ground. At 3 m. S of Bhavara, a Khel bed, with much cultivation. Country very jungle.
		Bhavara	13	1	98	7	For 11 m. a tolerable cart-road, but crossed by several ledges of rock, and much confused by jungle. The last 3 m. very rocky and stony, with a bad path to cross at 11 m. 4/5, country very uninteresting.	Good, from a tank, and wells.	Barry, 3 shops	180 houses, surrounding ground confused, and set up by pits to the N. near the tank at 3 m. S of Bhavara, at 5 m. S of Bhavara, at 9 m. S of Bhavara—few beds in soil. Country very jungle. There is a short road from Pad to Bhavara by Kosa, but it is impracticable for guns.
		Gurnakote, west bank of the Myhee.	9	5	108	4	The last 3 m. stony, rocky, and confused by jungle. The road open and tolerable, but a little stony.	Absent from Myhee river.	None	10,000 houses, on the high steep W bank of the Myhee river, surrounding ground high, but dry on the bank. At 3 m. S of Bhavara, 80 beds, and a large tank. At 5 m. S of Bhavara, 200 houses, 3 shops, 3 wells. Country uninteresting, and covered by thick jungle.
General Officer Commanding Western Division, Ahmedabad		West bank of the Myhee	1	0	110	4	Passage of the Myhee steep, heavy, and difficult, the battery crossed then camp to camp 1 1/2 m. N. sparse scrubby and jagged in 5 m.	Do do	None	Surrounding ground high, but covered with jungle. Descend to the river by a steep and narrow road 150 yards, stream 3 feet deep, 80 yards wide, and running strong, steeped 100 yards steep, and heavy.
		Carried over			110	4				

[illegible]

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.					
General Officer Commanding N.W. Division, Alwar.		Agent to the Governor-General for the States of Rajpootana, at Ajmere; and Political Agent in Maywar, at Oodeypoor.	Brought over.....	190	7				
			Chopna.....	13	0	Road among fields, but much cut up by cart-ruts, and crossing several small streams.	Abundant, from a stream and several wells.	2 shops, scanty; forage abundant.	100 houses; good encamping ground N.W. At 2 m. 4 f. Daina, 125 houses, 3 shops. At 6 m. Bhansora, 25 huts. At 8 m. 6 f. Kasmora, 20 huts. At 11 m. 1 f. Moinda, 200 houses, 2 shops. Country as before.
			Gundeer, or Gundeol.....	9	0	Road among fields, but much cut up by cart-ruts, crossing 4 nullas, with stony beds.	Abundant, from a large tank.	Modest; 2 shops.	100 houses; good encamping ground in fields to the N.W. At 2 m. 1 f. Bhaspore; at 3 m. 2 f. Nagarna; at 6 m. Nagdeya; at 7 m. 2 f. Benda, small villages. Country as before.
			Parthalgurbh.....	8	2	Road hard, and level, cross 7 nullas, 2 of them with water, one with muddy bed, the rest rocky.	Abundant, from a stream and several wells.	Abundant; a large bazar.	A large fortified town in tolerable repair; encamping ground good, to the N.E. At 3 m. Jansurroo or Hasee, 250 houses, and 10 shops. At 5 m. 2 f. Kurria or Kurrawad, 25 huts.
			Buttana .....	10	3	Road good, over black soil, but stony between Bawasa and Jamoree; cross 3 nullas, with hard bottoms.	3 small tanks, and several kitchen wells; scanty in the hot weather.	Abundant; 10 shops.	150 houses; good encamping ground to the E. At 1 m. Amloa, 200 houses, 4 shops. At 4 m. Damunna, 10 huts. At 6 m. 4 f. Bawasa, 60 houses. At 8 m. 1 f. Jamoree, 60 houses. Country an open plain, undulating, and partly cultivated; jungle to the left.
		Agent to the Governor-General for Central India at Indore.	Jeerua.....	11	6	Tolerable road, rather stony, and cut up by ruts between the 2nd and 4th miles; thence to the 8th gravelly and level; the rest over black soil.	Abundant, from a fine tank, and numerous wells.	Abundant ...	A small walled town, and bazar; encamping ground confined and damp, to the N.W. At 1 m. 5 f. Thaurana, 70 houses. At 3 m. 1 f. Kajloo, 80 huts. At 4 m. 4 f. Burea, 100 houses, 3 shops, and a large tank. At 8 m. 1 f. Harwar, 60 houses. Country as before, with hills to the left, from the 4th to the 9th mile.
			Noemuch cantonment, fortified square. B.P.T.	10	4	Road good, firm, and gravelly, but cut up by ruts, between the 4th and 6th miles.	Abundant, from wells and nullas.	Ditto .....	A large cantonment, with the town of Noemuch close to the S.E. Travellers' bungalow, Post and Telegraph offices. At 1 m. 6 f. Burkaim; at 4 m. 2 f. Bhooma Kaira; at 5 m. 2 f. Lande; at 6 m. 1 f. Lakmeo—small villages. Country as before.
			Total .....	...	25	3			
25 Marches.									
Agent to the Governor-General for the States of Rajpootana, at Ajmere; and the Political Agent in Maywar, at Oodeypoor.		This route (from Baroda to Burtana, and thence to Noemuch) was marched by No. 6 Light Field Battery (Golandars), under Captain Seely, in December 1840. There is another road, as follows, from Bawasa to Parthalgurbh, 80 m. 4 f. shorter than the above, but too ragged and jungle for carts:—							
		Banawara, as above.....	143	2					
		Boongra .....	13	0	Rugged ghaut, and the last 8 m. through dense bamboo jungle.	Myhee river .....	13 shops	A walled village; descend a small stony ghaut, near the village of Kuntolo, at 4 m.	
		Gundale .....	13	4	Rugged and through dense jungle.	Scanty, from a nulla.	None .....	A small hamlet. At 1 m. 2 f. cross the Myhee river, bed 400 yards wide, banks high, but not very difficult; descend a small ghaut.	
		Loomloa .....	10	2	Stony, and through dense jungle.	Nalka .....	3 shops	80 houses. At 7 m. 4 f. Koonulpoor, 125 houses, 10 shops. Country hilly.	
		Parthalgurbh.....	13	2	Good road, over gravelly soil.	Abundant .....	Abundant .....	Pass the small hamlets of Sotepoor, Sein, and Kuchote, and ascend the Kuchote ghaut, practicable for carts. Country open, level, and cultivated.	
		To Noemuch, as above.	23	5					
		Total.....	...	223	7				
21 Marches.									





Authority.		Names of Stages	Distances		Road and Soil.	Water	Supplies	REMARKS.	
Military	Civil		Stages	Total					
			Miles.	Furlongs.					
General Office Commanding Mhow Division, Mhow  Agent to the Governor General for the Station of Mysore, at Mysore and the Political Agent in Mysore at Chikmagalur		Brought over		168	8				
		Mysore	8	8	156	8	Wells and wells	Abundant; 50 shops	A large village, but much reduced in extent, since Mysore, Jogswarri, and 1 belated Country as before.
		Mysore	11	8	178	0	Wells and wells	Many shops	180 houses, in an open and cultivated country, near the banks of the Mysore river, a small stream in the dry weather, but deep and rapid in the rains, running eastward, it falls into the Mysore, not far from the road, on the right, jungle open as before.
		Palawan	7	8	177	8	Wells and wells	Modestly abundant	Formerly a large place, but much reduced. The last 1/2 m. of this stage through thick jungle.
		Waldkirch	8	8	186	0	Good road, over red soil	Wells with water all the year	A small hamlet near Mysore with a small stream that water and 80 shops. Country an open jungle with thick bush, and with various partially water-logged.
		Doda	12	4	198	4	Bad road and stony soil, wells for carts	Wells and wells	Abundant
		Portugal	7	4	205	0	2 1/2 m. of bad and stony road then 4 1/2 of steep ascent to top of the Deale then 4 m. 3/4 of good road, but not fit for carts	Abundant	Abundant
		Benjamin road	23	8					
		Total			222	8			
		No. Mhow							

TABLE No 15 (4)

FROM AHMEDABAD TO NERNUCH, BY KHAIRWARA AND SALOOMBUR.

GENERAL DIRECTION, N.E.

Activities		Distance		Road and Rail	Water	Supplies	Remarks
		Stages	Total				
Military	Civil	Miles	Parcels	Miles	Parcels		
General Officer Commanding Mhow Division Mhow		Approved to be known					File Table No 11 (1)
Approved to be known		111	14				
Approved to be known		111	44				

Agent to the Government for the Survey of Mysore and the Field and Agent in Mysore at Cholepur

	Distance		Road and Soil	Water	Vegetation	Remarks
	Stage	Total				
	0 51	111 41				
	0 51	110 05				
Cholepur	0 04	107 71				
Kannur	0 02	107 11				
Kannur	11 7	100 01				
Kannur	10 0	101 01				
Kannur	10 3	117 06				
Kannur	10 7	100 71				
Kannur	10 01	100 01				
Total		200 41				
22 March.						
The direct road from Kannur to Cholepur is as follows:—						
Cholepur	11 0	100 01				
Kannur	11 0	111 01				



Agreed to the Conference Statement for the Sisters of Repentance at 4 years; and One Political Agent in  
Mayaguez in One Year.

[illegible]



## GENERAL DIRECTOR, FBI

Antecedents		Distance		Road and Soil	Water	Vegetation	Remarks
History	Civil	Stage	Total				
		Miles	Perchages	Miles	Perchages		
		Also related to Oley-poor		175 04			74th Table No 15 (1)
		Good road, at first 20 miles, then crossing hills, then crossing hills.	10 11	185 2		8 slope	70 houses at the foot of a hill. At 1 m. N. of Aney, 300 houses, 20 slope, between the stream, one of them bridge. At 11 1/2 f. a stream runs and falls, with some slope; the Colons River or later the 4 m. of water, about 3 m. to the right. At 7 m. 1/2 a gate at the Debarre pass, houses built, guarded by troops. The range along the road. The valley of Oley-poor, which is completely shut in by rugged hills running N.W. and S.W., is split at the Debarre pass, and the country there becomes gradually lower and more level and open.
		Berra Pallas	13 21	198 45	Good, dirt-road, even low hills, wooded to waist; soil dry and gravelly	Good, from a tank, 4 walls.	8 slope; 180 houses, 20 slope. At 8 m. 1/2 f. W. of Berra, 30 houses, 2 walls. At 9 m. 1/2 f. W. of Berra, 30 houses, 20 slope, and 4 walls. At 10 m. 1/2 f. Berra, 70 houses. Country covered with low and open trees.
		Bhawan	14 14	212 8	Road over level open dry, but heavy soil	6 walls	8 slope
		Yorah	14 21	226 95	Good road, country low, soil white.	Good walls	4 slope
		Gungu	11 05	237 7	Good road, country level, soil white	Abundant, from tank.	Abundant
		Agave	13 04	250 71	Generally good, a little sandy in parts; soil dry, some low hills to Aney (then making soil level)	Abundant from tank, river, and wells.	Abundant, 404 houses of 400 houses, with fort and garden on the Xistaro (or Berra) river; beyond W. At 5 m. 1/2 f. Berra, 30 houses. At 6 m. 1/2 f. Aney, 300 houses, and a small fort, 15 slope, a tank, and walls. Once the river to Berra. Country partly cultivated.
		Elizabet	13 4	263 81	Good dirt-road, soil red	Abundant & good Green tank.	Abundant, 300 houses, and a small fort, on low ground, with much cultivation; country level, or about a mile off. High grass land, open a tank At 1 m. 1/2 f. Aney, 70 houses. At 2 m. 1/2 f. Berra, 30 houses. At 3 m. 1/2 f. Berra, 30 houses. At 4 m. 1/2 f. Berra, 100 houses. 8 slope and walls. Country in part cultivated, in some parts merely with jungle and low trees. Abundant water three times
		Curder	12 81	275 81			



TABLE No 16 (2)

FROM AHMEDABAD TO NUSSEERABAD, BY OODEYPOOR AND NATHIVARA.

GENERAL DIRECTION: 100

[illegible]



[illegible]

TABLE No 17

FROM AHMEDABAD TO PATHEH, BY VERUMGAUM.

**CENTRAL INTELLIGENCE AGENCY**

[illegible]

The distance by rail from Alexandria to Eads is 64 miles.

TABLE No 18

FROM AHMEDABAD TO PUTTUN, BY KUBREH.

GENERAL DIRECTION, N.W.

Anti service		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks	
			Stages		Total						
By day	Cost		Miles	Parangas	Miles	Parangas					
General Officer Commanding Western Division, Ahmedabad	Armed troops at Dera.	From Ahmedabad to Dera	13	14	41	0	Good cart road, but heavy as parts from road	20 wells and tanks	210 shops; many	Table No 10 (1) 180 houses. At 4 m 30 / year; 1000 of Gov. 10 / 1000, and at 8 m 10 / 1000. Country, mostly	
		Gandhinagar or Khamb	13	4	54	0	Ditto	3 do 1 do	10 shops	125 houses. At 1 m 8 / 1000. At 1 m 10 / 1000. At 1 m 10 / 1000. At 1 m 10 / 1000.	
		Thandavarn	8	14	62	0	Ditto	3 do 1 do	10 shops	A small walled town, 40 houses. At 1 m 8 / 1000. At 1 m 10 / 1000.	
		Pattar (North Gate)	19	0			Ditto	Large tanks and wells & 10000 water, 10000 to the tank	10000	A large town with a good wall and 10000 and dry & 1000. General is 10000 up to 10000; 10000 X or P. At 1 m 10 / 1000. At 1 m 10 / 1000. At 1 m 10 / 1000.	
		Total				72	0				
		7 March									

TABLE No 19

FROM AHMEDABAD TO RAJKOTE, VIA VDERUMGAUM.

GENERAL DIRECTION, W

A. Service		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
By day	Cost		Stages		Total					
			Miles	Parangas	Miles	Parangas				
General Officer Commanding, Western Division, Ahmedabad	Total of all stages	Armed to			52	0	Good road and easy	20 wells	4 shops	1740 Table No. 11 (1)
		Armed	10	1	162	1				
		Armed	18	0	118	1	Ditto	20000	No tanks, shops	200 houses, 10000, and 10000 of Gov. 10 / 1000, and at 8 m 10 / 1000. Country, mostly
		Armed	28	7	146	0				
		Armed			270	0				

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Furlongs				
General Officer Commanding Northern Division, Ahmedabad.	Civil	Brought over		127 04	Clear road	20 wells	Abundant, cheap	<p>W. At 8 m 7/ from Dadas river, banks high bed sandy, breadth 120 yards, easy for carts. At 4 m 31/ from Dadas, 5 m 1/ Country open and cultivated.</p> <p>Large town and commandment head quarters of the Political Agent in Kathiwar, travelled by bus, Post and Telegraph office. At 4 m 31/ from Dadas 30 houses, 2 shops, and wells. At 7 m 8/ from Dadas, 10 houses, At 8 m 11/ from the Dadas river by the way. At 9 m 31/ from the Dadas, 200 yards wide, and easy for carts. Country level, generally cultivated, with thin jungle</p>
		Kanwar	8 7	12- 71				
		Thakate, Chhatrapati (M. P. 1)	10 71					
		Total		140 05				
		12 Marches						

TABLE No. 20

## FROM AHMEDABAD TO SOOBEGAUM, BY PUTTUN.

GENERAL DIRECTION, N.W.

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Furlongs				
General Officer Commanding Northern Division, Ahmedabad.	Civil	Ahmedabad to Puttun	8 3	72 71	Good cart road, but 11 wells 1 tank. In very few parts from road	20 wells	Plentiful, cheap	<p>See Table No. 18</p> <p>W. At 8 m 7/ from Dadas river, banks low, sandy bed. At 1 m 11/ from Ahmedabad 20 houses, 2 wells, and tank. At 4 m 71/ from Dadas, on the right of the Dadas river. Country with off thickets water low banks, and sandy bed, near Ahmedabad, 20 yards wide.</p>
		Puttun	18 81	91 04				
		Barbar	18 8	109 41				
		Soobegau	18 4					
		Total		127 04				
		12 Marches						



TABLE No 21 (2)

FROM AHMEDABAD TO TUNKARIA BUNDER, BY KAIRA, PITLAUD, AND DHHWAN FORD OF THE NRYHEE

GENERAL DIRECTION, S.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Per stage				
			Miles	Per stage				
General Officer Commanding (North Western Division Ahmedabad)	Chief of the Branch	Ahmedabad to Jamnagar		81	0			Table No. 4 (2)
		Tunkaria	12	0				
		Total		93	0			Do. No. 21 (2)
		9 Stages						

TABLE No 21. (3)

FROM AHMEDABAD TO TUNKARIA BUNDER, BY KAIRA AND CAMBAY.

GENERAL DIRECTION, S.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Per stage				
			Miles	Per stage				
General Officer Commanding (North Western Division Ahmedabad)	Chief of the Branch	Ahmedabad to Cambay		81	0	By water		Table No. 4
		Tunkaria Bunder	12	0				
		Total		93	0			
		9 Stages						

Note.—This is the most direct route between Ahmedabad and Tunkaria; but, owing to the difficulties of the ferry, it is not recommended for troops.



Authorities.		Name of Stage	Distance.		Road and Soil	Water	Supplies	Remarks			
Western	Central		Stage	Total							
			Miles	Percentage							
			Miles <td>Percentage</td> <td colspan="4"></td>	Percentage							
MARSH PRINCIPAL: MIAIA'S DOMAINS. Officer Cass sending Hyat's old Boundary Force, Surveyed.		Brought over Chand.	20	5	Country, river, 1/2 mile	Small and muddy	2-3 days, from Mushroom- can.	150 houses, occupying ground 1/2 mile of the alluvial. At 3 m 1/2 from the Chand river, 180 yards wide, banks easy, bed sandy. At 5 m 1/2 from Mushrooms 60 houses, 1 shop. At 8 m 1/2 from the Mushrooms river 60 yards wide bed sandy, banks easy. At 9 m 1/2 commenced the ascent of the Chowk pass, a cleared cart road, easy. At 9 m 1/2 top of Ghant. <i>Chowk 19 m 1/2 from Mushrooms</i>			
		Phoolgarh B	8	1					Ditto	Wells & Ord river	Plentiful, in bar on 300 yards
		Naogpura	10	0					Road fair	Wells and trails	None
		Khamagpura Enclave B	12	1					Ditto	10 wells	Plentiful 1 above 1/2 m on bachelors
		Agasta, 1/2 gate	19	1					Ditto	Wagon river and wells rather ready in the hot season.	Abundant.
General Officer Commanding Force Division, Poon. Cadastral Office at Dibrugarh		Jamshod	8	8	In open, cut road cleared of jungle, but very undulating and rocky in places & covered with thin jungle.	2 wells and a well dry	2 shops	A 6 w wells occupying ground 1/2 m. At 1 m 0/7 from Agasta the top of Agasta ghant, road made. At 1 m 1/2 from the bottom. At 1 m 1/2 from Naogpura, 80 houses and 3 shops round an old fort, 2 wells, good occupying space & with trees on the Purna river. From Naogpura the road good, a house for travellers. If water is scarce at Jamshod on camp about a mile to the west near Barypore where water is supplied from the Purna river.			
		Naogpura	10	1	Ditto	Abundant at all times from the Jang river and wells	2 shops	127 houses on the Jang river, good occupying ground. At 1 m 1/2 from the Jang river, 200 yards. At 3 m 1/2 from the Jang river, 200 yards. At 5 m 1/2 from the Jang river, 200 yards. At 7 m 1/2 from the Jang river, 200 yards. At 9 m 1/2 from the Jang river, 200 yards. At 11 m 1/2 from the Jang river, 200 yards. At 13 m 1/2 from the Jang river, 200 yards. At 15 m 1/2 from the Jang river, 200 yards. At 17 m 1/2 from the Jang river, 200 yards. At 19 m 1/2 from the Jang river, 200 yards. At 21 m 1/2 from the Jang river, 200 yards. At 23 m 1/2 from the Jang river, 200 yards. At 25 m 1/2 from the Jang river, 200 yards. At 27 m 1/2 from the Jang river, 200 yards. At 29 m 1/2 from the Jang river, 200 yards. At 31 m 1/2 from the Jang river, 200 yards. At 33 m 1/2 from the Jang river, 200 yards. At 35 m 1/2 from the Jang river, 200 yards. At 37 m 1/2 from the Jang river, 200 yards. At 39 m 1/2 from the Jang river, 200 yards. At 41 m 1/2 from the Jang river, 200 yards. At 43 m 1/2 from the Jang river, 200 yards. At 45 m 1/2 from the Jang river, 200 yards. At 47 m 1/2 from the Jang river, 200 yards. At 49 m 1/2 from the Jang river, 200 yards. At 51 m 1/2 from the Jang river, 200 yards. At 53 m 1/2 from the Jang river, 200 yards. At 55 m 1/2 from the Jang river, 200 yards. At 57 m 1/2 from the Jang river, 200 yards. At 59 m 1/2 from the Jang river, 200 yards. At 61 m 1/2 from the Jang river, 200 yards. At 63 m 1/2 from the Jang river, 200 yards. At 65 m 1/2 from the Jang river, 200 yards. At 67 m 1/2 from the Jang river, 200 yards. At 69 m 1/2 from the Jang river, 200 yards. At 71 m 1/2 from the Jang river, 200 yards. At 73 m 1/2 from the Jang river, 200 yards. At 75 m 1/2 from the Jang river, 200 yards. At 77 m 1/2 from the Jang river, 200 yards. At 79 m 1/2 from the Jang river, 200 yards. At 81 m 1/2 from the Jang river, 200 yards. At 83 m 1/2 from the Jang river, 200 yards. At 85 m 1/2 from the Jang river, 200 yards. At 87 m 1/2 from the Jang river, 200 yards. At 89 m 1/2 from the Jang river, 200 yards. At 91 m 1/2 from the Jang river, 200 yards. At 93 m 1/2 from the Jang river, 200 yards. At 95 m 1/2 from the Jang river, 200 yards. At 97 m 1/2 from the Jang river, 200 yards. At 99 m 1/2 from the Jang river, 200 yards. At 101 m 1/2 from the Jang river, 200 yards. At 103 m 1/2 from the Jang river, 200 yards. At 105 m 1/2 from the Jang river, 200 yards. At 107 m 1/2 from the Jang river, 200 yards. At 109 m 1/2 from the Jang river, 200 yards. At 111 m 1/2 from the Jang river, 200 yards. At 113 m 1/2 from the Jang river, 200 yards. At 115 m 1/2 from the Jang river, 200 yards. At 117 m 1/2 from the Jang river, 200 yards. At 119 m 1/2 from the Jang river, 200 yards. At 121 m 1/2 from the Jang river, 200 yards. At 123 m 1/2 from the Jang river, 200 yards. At 125 m 1/2 from the Jang river, 200 yards. At 127 m 1/2 from the Jang river, 200 yards. At 129 m 1/2 from the Jang river, 200 yards. At 131 m 1/2 from the Jang river, 200 yards. At 133 m 1/2 from the Jang river, 200 yards. At 135 m 1/2 from the Jang river, 200 yards. At 137 m 1/2 from the Jang river, 200 yards. At 139 m 1/2 from the Jang river, 200 yards. At 141 m 1/2 from the Jang river, 200 yards. At 143 m 1/2 from the Jang river, 200 yards. At 145 m 1/2 from the Jang river, 200 yards. At 147 m 1/2 from the Jang river, 200 yards. At 149 m 1/2 from the Jang river, 200 yards. At 151 m 1/2 from the Jang river, 200 yards. At 153 m 1/2 from the Jang river, 200 yards. At 155 m 1/2 from the Jang river, 200 yards. At 157 m 1/2 from the Jang river, 200 yards. At 159 m 1/2 from the Jang river, 200 yards. At 161 m 1/2 from the Jang river, 200 yards. At 163 m 1/2 from the Jang river, 200 yards. At 165 m 1/2 from the Jang river, 200 yards. At 167 m 1/2 from the Jang river, 200 yards. At 169 m 1/2 from the Jang river, 200 yards. At 171 m 1/2 from the Jang river, 200 yards. At 173 m 1/2 from the Jang river, 200 yards. At 175 m 1/2 from the Jang river, 200 yards. At 177 m 1/2 from the Jang river, 200 yards. At 179 m 1/2 from the Jang river, 200 yards. At 181 m 1/2 from the Jang river, 200 yards. At 183 m 1/2 from the Jang river, 200 yards. At 185 m 1/2 from the Jang river, 200 yards. At 187 m 1/2 from the Jang river, 200 yards. At 189 m 1/2 from the Jang river, 200 yards. At 191 m 1/2 from the Jang river, 200 yards. At 193 m 1/2 from the Jang river, 200 yards. At 195 m 1/2 from the Jang river, 200 yards. At 197 m 1/2 from the Jang river, 200 yards. At 199 m 1/2 from the Jang river, 200 yards. At 201 m 1/2 from the Jang river, 200 yards. At 203 m 1/2 from the Jang river, 200 yards. At 205 m 1/2 from the Jang river, 200 yards. At 207 m 1/2 from the Jang river, 200 yards. At 209 m 1/2 from the Jang river, 200 yards. At 211 m 1/2 from the Jang river, 200 yards. At 213 m 1/2 from the Jang river, 200 yards. At 215 m 1/2 from the Jang river, 200 yards. At 217 m 1/2 from the Jang river, 200 yards. At 219 m 1/2 from the Jang river, 200 yards. At 221 m 1/2 from the Jang river, 200 yards. At 223 m 1/2 from the Jang river, 200 yards. At 225 m 1/2 from the Jang river, 200 yards. At 227 m 1/2 from the Jang river, 200 yards. At 229 m 1/2 from the Jang river, 200 yards. At 231 m 1/2 from the Jang river, 200 yards. At 233 m 1/2 from the Jang river, 200 yards. At 235 m 1/2 from the Jang river, 200 yards. At 237 m 1/2 from the Jang river, 200 yards. At 239 m 1/2 from the Jang river, 200 yards. At 241 m 1/2 from the Jang river, 200 yards. At 243 m 1/2 from the Jang river, 200 yards. At 245 m 1/2 from the Jang river, 200 yards. At 247 m 1/2 from the Jang river, 200 yards. At 249 m 1/2 from the Jang river, 200 yards. At 251 m 1/2 from the Jang river, 200 yards. At 253 m 1/2 from the Jang river, 200 yards. At 255 m 1/2 from the Jang river, 200 yards. At 257 m 1/2 from the Jang river, 200 yards. 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At 611 m 1/2 from the Jang river, 200 yards. At 613 m 1/2 from the Jang river, 200 yards. At 615 m 1/2 from the Jang river, 200 yards. At 617 m 1/2 from the Jang river, 200 yards. At 619 m 1/2 from the Jang river, 200 yards. At 621 m 1/2 from the Jang river, 200 yards. At 623 m 1/2 from the Jang river, 200 yards. At 625 m 1/2 from the Jang river, 200 yards. At 627 m 1/2 from the Jang river, 200 yards. At 629 m 1/2 from the Jang river, 200 yards. At 631 m 1/2 from the Jang river, 200 yards. At 633 m 1/2 from the Jang river, 200 yards. At 635 m 1/2 from the Jang river, 200 yards. At 637 m 1/2 from the Jang river, 200 yards. At 639 m 1/2 from the Jang river, 200 yards. At 641 m 1/2 from the Jang river, 200 yards. At 643 m 1/2 from the Jang river, 200 yards. At 645 m 1/2 from the Jang river, 200 yards. At 647 m 1/2 from the Jang river, 200 yards. At 649 m 1/2 from the Jang river, 200 yards. At 651 m 1/2 from the Jang river, 200 yards. At 653 m 1/2 from the Jang river, 200 yards. At 655 m 1/2 from the Jang river, 200 yards. At 657 m 1/2 from the Jang river, 200 yards. At 659 m 1/2 from the Jang river, 200 yards. At 661 m 1/2 from the Jang river, 200 yards. At 663 m 1/2 from the Jang river, 200 yards. At 665 m 1/2 from the Jang river, 200 yards. At 667 m 1/2 from the Jang river, 200 yards. At 669 m 1/2 from the Jang river, 200 yards. At 671 m 1/2 from the Jang river, 200 yards. At 673 m 1/2 from the Jang river, 200 yards. At 675 m 1/2 from the Jang river, 200 yards. At 677 m 1/2 from the Jang river, 200 yards. At 679 m 1/2 from the Jang river, 200 yards. At 681 m 1/2 from the Jang river, 200 yards. At 683 m 1/2 from the Jang river, 200 yards. At 685 m 1/2 from the Jang river, 200 yards. At 687 m 1/2 from the Jang river, 200 yards. At 689 m 1/2 from the Jang river, 200 yards. At 691 m 1/2 from the Jang river, 200 yards. At 693 m 1/2 from the Jang river, 200 yards. At 695 m 1/2 from the Jang river, 200 yards. At 697 m 1/2 from the Jang river, 200 yards. At 699 m 1/2 from the Jang river, 200 yards. At 701 m 1/2 from the Jang river, 200 yards. At 703 m 1/2 from the Jang river, 200 yards. At 705 m 1/2 from the Jang river, 200 yards. At 707 m 1/2 from the Jang river, 200 yards. At 709 m 1/2 from the Jang river, 200 yards. At 711 m 1/2 from the Jang river, 200 yards. At 713 m 1/2 from the Jang river, 200 yards. At 715 m 1/2 from the Jang river, 200 yards. At 717 m 1/2 from the Jang river, 200 yards. At 719 m 1/2 from the Jang river, 200 yards. At 721 m 1/2 from the Jang river, 200 yards. At 723 m 1/2 from the Jang river, 200 yards. At 725 m 1/2 from the Jang river, 200 yards. At 727 m 1/2 from the Jang river, 200 yards. At 729 m 1/2 from the Jang river, 200 yards. At 731 m 1/2 from the Jang river, 200 yards. At 733 m 1/2 from the Jang river, 200 yards. At 735 m 1/2 from the Jang river, 200 yards. At 737 m 1/2 from the Jang river, 200 yards. At 739 m 1/2 from the Jang river, 200 yards. At 741 m 1/2 from the Jang river, 200 yards. 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At 831 m 1/2 from the Jang river, 200 yards. At 833 m 1/2 from the Jang river, 200 yards. At 835 m 1/2 from the Jang river, 200 yards. At 837 m 1/2 from the Jang river, 200 yards. At 839 m 1/2 from the Jang river, 200 yards. At 841 m 1/2 from the Jang river, 200 yards. At 843 m 1/2 from the Jang river, 200 yards. At 845 m 1/2 from the Jang river, 200 yards. At 847 m 1/2 from the Jang river, 200 yards. At 849 m 1/2 from the Jang river, 200 yards. At 851 m 1/2 from the Jang river, 200 yards. At 853 m 1/2 from the Jang river, 200 yards. At 855 m 1/2 from the Jang river, 200 yards. At 857 m 1/2 from the Jang river, 200 yards. At 859 m 1/2 from the Jang river, 200 yards. At 861 m 1/2 from the Jang river, 200 yards. At 863 m 1/2 from the Jang river, 200 yards. At 865 m 1/2 from the Jang river, 200 yards. At 867 m 1/2 from the Jang river, 200 yards. At 869 m 1/2 from the Jang river, 200 yards. At 871 m 1/2 from the Jang river, 200 yards. At 873 m 1/2 from the Jang river, 200 yards. 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Authority		Name of Place	Distance		Road and Soil	Water	Supplies	Remarks
Heavy	Ord		Survey	Total				
			Miles	Perch				
		Enghat river	14	8	100	0		
		Collector at Dera Is	14	8	17	1		
		Palapore	8	0	18	0		
		Boothcamp near Dera Is	18	8	187	8		
		Aurangpur	12	8	200	14		
		Total			810	14		
		17 March						

The road from Dera to Aurangpur, by Othman and Laspore, is as follows —

Authority		Name of Place	Distance		Road and Soil	Water	Supplies	Remarks
Heavy	Ord		Survey	Total				
			Miles	Perch				
		Aurangpur	18	8	100	0		
		Collector at Dera Is	18	8	17	1		
		Palapore	8	0	18	0		
		Boothcamp near Dera Is	18	8	187	8		
		Aurangpur	12	8	200	14		
		Total			810	14		
		17 March						

The road from Dera to Aurangpur, by Othman and Laspore, is as follows —



Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchangs				
General Officer Commanding Forces Hyderabad, India	On District at Dindur	Brought over		178 0				See on this stage and the Tapti river at Changan 780 yards wide high banks nearly bed, fordable at low season. A large boat for 100 men always here and more procurable on application to the boats at Bhodkarpur. The Tapti is fordable above the junction, at Kaudli, and the Purna, at Mall Bangra in November.
		Rampoor	6 0	184 0	Good for weather cart. Walls road; black soil	Wells	3 shops	400 houses, swamp on the walls. At 8 a.m. 4/2 yats Dindur 40 houses, 4 wells, no supplies, walls around at Rampoor.
		Bhodkarpur B F	16 1 1/2	200 1/2	Ditto	Abundant, and wells	12 shops	Large walled town on the right bank of the Tapti river, good swampy ground (marked out in 1871) near the bridge about 1/2 m W of town surrounded by walls and gardens. An old mosque stands the town is used as a travellers' bungalow. Purna river at 1 m 4/2, across Bokra river at 2 m 8/2, and near Bhodli at 3 m 8/2. At 5 m 2/2, Karola, and at 6 m 8/2, Agar, small villages. At 12 m 1/2, Looose, 200 houses; swampy ground on a wall. At 13 m 1/2, Bhodkarpur walled village of 250 houses 8 shops. Green Bokra river and several wells on this stage.
		Aurangabad, on above B F	12 0 1/2					
		Total		211 6				
		17 Muzars						

Note.—There is another route from Aurangabad to Bhodkarpur by Dindur as follows —

	after
To Dindur	8
From or From	4 A travellers' bungalow
Bhodkarpur	17
Total	31

Dindur Fort is well worth seeing, an order from the Officer Commanding at Aurangabad is necessary to obtain admittance. The river of Bokra is about 1 m from the bungalow at this place.

	m /
From Aurangabad to Dindur by road is	40 7 1/2 m
Dindur to Changan Station by rail is	421 0
Changan Station to Aurangabad by road is	6 1/2

TABLE No. 23. (1)

FROM AHMEDNUGGER TO BOMBAY, VIA SEROOR, CHAKUN, KHUNDALLA, PANWELL,  
AND TANNY.

GENERAL DISPOSITION, W

No. Survey		Name of Ranger	Distances		Road and Soil	Water	Supplies	Remarks
			Miles	Trailings				
General Old or Overhauling P. on River and P. on	Cecil	Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
		Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
		Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
		Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
General Old or Overhauling P. on River and P. on	Cecil	Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
		Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
		Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.
		Abundant	1	1	Abundant	Abundant	1000	20 horses, 1000 pounds ground. On leaving the lot, pass the town of Abundant on the right, and at 10 m. 1/2 of the River, river (not bridge) 200 yards wide, be low, but sandy. At 2 m. 1/2 mile road to District branches off to the left. At 3 m. 41/2 hours, 100 horses, 2 m. 1/2 At 4 m. 1/2 and 4 m. 7 1/2 pass with.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
			Stage		Total					
Military	Civil		Miles	Parangs	Miles	Parangs				
Poon	A Poon	Brought over			80	01	Made road	Abundant tank wells and wells	Abundant	700 houses and fort a circumambulated, round. Post office and Collector's bungalow (a camp in fields among trees. At 4 m S/ Pansapigraha, 200 houses, and across the Bhacoma river to Bhagwan bed of river along a small boat in the river. At 8 m 41/2 Bhana or Bhona 110 houses, 3 shops.
		Khebra P	10	02	70	01				
		Warguan	18	02	88	03	Ditto	Ditto	Ditto	

TABLE No. 23. (1)

FROM AHMEDNUGGUR TO BOMBAY, VIA SEROOR, CHAKUN, KHUNDALLA, PANWELL,  
AND TANNA.

GENERAL DIRECTION, W.

Articulates.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Office Communicating to & from Dist. of Poona.		Ahmednuggur Fort.	6	1	Mud road	Abundant	4 shops	90 houses, occupying ground N.E. On leaving the fort pass the town of Ahmednuggur on the right, and at 1 m. 0 1/2 f. cross the Secma river (iron bridge) 176 yards wide, banks low, bed sandy. At 2 m. 3 1/2 f. made road to Dhad branch off to the left. At 3 m. 4 1/2 f. Kairgaum, 180 houses, 2 shops. At 4 m. 0 1/2 f. and 4 m. 7 1/2 f. pass wells.
		main gate to Fort.	8	1				
		Seroor, staging post.	8	7 1/2	Ditto	Wells and wells, water good.	17 shops	180 houses; travellers' bungalow and staging paddall for 200 men. At 4 m. 4 1/2 f. cross the Walmukhi river (bridged) to Kumbargaum, 100 houses, 4 shops. At 5 m. 1 1/2 f. Chowkeo. At 6 m. 7 1/2 f. a well. At 8 m. 4 1/2 f. another well. At 9 m. 1 1/2 f. the travellers' bungalow, and at 9 m. 2 1/2 f. the village of Seroor.
		D.	16	0	Ditto	Abundant	Abundant	Entomologist's head-quarters of the Poona Horse; travellers' bungalow, staging paddall for 200 men, and Post office. At 1 1/2 f. pass the Seroor, travellers' bungalow. At 3 f. the village of Seroor. At 2 m. 4 1/2 f. Wagooda (small) 20 houses, 1 shop, and dhurumalla. At 3 m. 7 1/2 f. Wagooda (large), 1 furlong to left. At 5 m. 7 1/2 f. 2 wells. At 7 m. 2 1/2 f. Chowkeo. At 8 m. 2 1/2 f. a well. At 8 m. 4 1/2 f. another well. At 9 m. 2 1/2 f. a chowkeo. At 9 m. 0 1/2 f. Kairgaum, 125 houses, 4 shops. At 10 m. 0 1/2 f. old road to the ford branches off to the right. At 11 m. 4 1/2 f. Warraygaum, 100 houses, 3 shops. At 13 m. 7 1/2 f. cross the Ghore river (bridged). At 14 m. 3 f. travellers' bungalow. At 15 m. the direct road to Poona branches off to the left. At 16 m. 1 1/2 f. Chauray Khori left, and bears on right. At 16 m. the old road, by the ford joins.
Collector at Poona.		Rasool, staging post.	16	0				
		D.H. P.	33	0 1/2	Ditto	2 wells	4 shops	185 houses, travellers' bungalow and staging paddall for 200 men. At 2 1/2 f. a well. At 6 1/2 f. another well. At 2 m. 2 1/2 f. the direct road from the bridge over the Ghore river, joins, and road to Kumbargaum station branches off to left. At 2 m. 7 1/2 f. Surudwance, 27 houses. At 3 m. 0 1/2 f. at 4 m. 4 1/2 f. at 4 m. 0 1/2 f. at 4 m. 7 1/2 f. at 5 m. 1 1/2 f. at 5 m. 2 1/2 f. and at 5 m. 4 1/2 f. pass wells. At 5 m. 6 1/2 f. Kairgaum, 100 houses, 8 shops. At 5 m. 7 1/2 f. well. At 6 m. 4 1/2 f. Kumbargaum, 230 houses, 7 shops. At 10 m. 1 1/2 f. at 12 m. 5 f. at 12 m. 1 1/2 f. at 13 m. 2 1/2 f. at 13 m. 3 f. and at 18 m. 0 1/2 f. pass wells. At 13 m. 0 1/2 f. Kumbargaum village.
		Kumbargaum, staging post.	14	0	Ditto			
		D.	47	0 1/2	Ditto	Plethifal, river.	Beam Limited	125 houses. At 4 m. 4 1/2 f. Shikrapoor, 200 houses, 7 shops, and cross the Yell river (bridged). At 4 m. 7 1/2 f. road to Poona branches off to the left. At 5 m. 1 1/2 f. Pimphe, 80 houses, 3 shops.
		Kumbargaum, staging post.	13	0 1/2	Ditto			
		D.	60	0 1/2				
		Farther over	60	0 1/2				







[illegible]

NOTE--From Pascual to Ciudad by water is 20 miles. The Sender Hill is less than 10 miles east of Pascual. From Ciudad Sendero to Sendero by water is 14 miles, and the route from the bridge at the west end of Pascual to Ciudad is as follows:

	in	f
Boyd to the Bus lot	0	2
McLure (Driver) Knew	0	2
Boyd to Quinn, somewhere off on the left	3	0
McLure (Knew I was)	0	2
Quinn, I was her	3	2
<b>Total</b>	<b>7</b>	<b>9</b>

The distance by road to Elwood from Alameda is 48 mi. T. 100 N. to T. 101 N. 25. From Elwood to Boundary 17 mi. at 165 mi. 40.

TABLE No 23 (2)

FROM AHMEDNAGUR TO BOMBAY. by NIKKEE AND PARTWILL.

CENTRAL DIRECTOR, FBI

[illegible]





TABLE No. 23. (3)

FROM AHMEDNUGGER TO BOMBAY, BY JOCKLER, MALSERI OR MAHAL SHET  
GHAT, BHEWNDY AND KULLIAN.

GENERAL DIRECTION W to E

Aspects		Nature of Country	Distances				Road and Soil.	Water	Supplies.	Remarks
Military	Civil		By	Total						
			Miles.	Miles.	Feet.					
General Officer Commanding Poona Division, P. M.										
Collector of Ahmednuggur		Ahmednuggur Fort	17	04		Indifferent road. Good built.				File Table No. 22 (2)
		to the gate by	18	7		with black masonry				220 houses. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops, on a river, which flows At 1 m. S. of Ahmednuggur, 180 houses, and continues the river, on the Poona river, which is crossed At 8 m. S. of Ahmednuggur a few huts. At 11 m. S. of Ahmednuggur the Ganesha Khind, S. of
		to the gate by	18	7		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	18	7		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
Collector of Poona		to the gate by	10	3		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	10	3		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	10	3		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	10	3		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
Collector of Tanjore		to the gate by	11	4		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	11	4		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	11	4		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.
		to the gate by	11	4		Indifferent road. Good built.				220 houses, a small town. At 8 m. S. of Ahmednuggur, 180 houses, 8 shops. At 11 m. S. of Ahmednuggur, 180 houses, 8 shops. At 10 m. S. of Ahmednuggur, 180 houses.



At the Sta.		Names of Stages	Distance		Road and Soil.	Water	Supplies	Remarks
Mileage	Cn'l		Stage	Total				
			St. to St.	Stages To Stage.				
General Officer Comd- ing the Force at Dabhoi.	Civil	Brought over		41 05	In different soil, good local to the cattle	Wells in 4 rivers		A large village and better good security is granted on the banks of the river. At 17- 13/2 pass Dabhoi to the left. At 18- 4/2 cross the Aravalli range to the left. At 21-1/2 of Dabhoi.
		Minor	17 71	80 21				
		To Dabhoi station	20 05					
		Total		100 0				

From 17-13/2 to 18-4/2 is about 1/2 mile from the line to Dabhoi but owing to the thick jungle and numerous water courses there below the first to Dabhoi is 1/2 mile and 1/2 mile from 18-4/2 to 21-1/2 Dabhoi.

TABLE No 24 (1)

FROM AHMEDNUGGER TO DEMAUN, BY KOLHAR, NASSIK, THE WAHNERA GHAT, AND  
MURSOOL

GENERAL DIRECTION NW to N

At the Sta.		Names of Stages	Distance		Road and Soil.	Water	Supplies.	Remarks.			
Mileage	Cn'l		Stage	Total							
	St. to St.		Partings	St. to St.					Partings		
General Officer Commanding Bombay Division	Civil	Ahmednagar Port gate to Dabhoi	12	51	1 <sup>st</sup>	31	Main road bridged.	River and wells.	3 days	80 houses and Ahirwadi. At 17 = 1/2 pass Dabhoi. At 18 = 1/2 cross the Boma river. The water well but is easy to pass. At 19 = 1/2 of Dabhoi. At 20 = 1/2 cross the Aravalli range to the left. At 21 = 1/2 of Dabhoi.	
		Barrow	10	41		23	2	Ditto	Ditto	18 days weekly to Munimur- daga.	800 houses and Ahirwadi. At 17-1/2 pass Dabhoi. At 18 = 1/2 cross the Boma river. At 19 = 1/2 of Dabhoi. At 20 = 1/2 cross the Aravalli range to the left. At 21 = 1/2 of Dabhoi.
		Barrow	10	41		23	2	Ditto	Ditto	18 days weekly to Munimur- daga.	800 houses and Ahirwadi. At 17-1/2 pass Dabhoi. At 18 = 1/2 cross the Boma river. At 19 = 1/2 of Dabhoi. At 20 = 1/2 cross the Aravalli range to the left. At 21 = 1/2 of Dabhoi.
		Barrow (Barrow) = B1	12	51		35	5	Ditto	Taken river and wells	18 days weekly to Munimur- daga.	800 houses and Ahirwadi. At 17-1/2 pass Dabhoi. At 18 = 1/2 cross the Boma river. At 19 = 1/2 of Dabhoi. At 20 = 1/2 cross the Aravalli range to the left. At 21 = 1/2 of Dabhoi.
		Munimur-Lahore	11	09		46	6	Main road with the large wells.	River and wells.	1 day	800 houses and Ahirwadi. At 17-1/2 pass Dabhoi. At 18 = 1/2 cross the Boma river. At 19 = 1/2 of Dabhoi. At 20 = 1/2 cross the Aravalli range to the left. At 21 = 1/2 of Dabhoi.
		Barrow	11	09		57	7	Main road with the large wells.	River and wells.	1 day	800 houses and Ahirwadi. At 17-1/2 pass Dabhoi. At 18 = 1/2 cross the Boma river. At 19 = 1/2 of Dabhoi. At 20 = 1/2 cross the Aravalli range to the left. At 21 = 1/2 of Dabhoi.

Authorities		Name of Village	Distances				Road and Soil.	Water	Supplies	REMARKS.
Military	Civil		Stage		Total					
			Miles	Perchages	Miles	Perchages				
Central Office Commanding Forces Division, Poona.	Collector of Ahmednagar	Brought over			47	91				
		Tulaygaon	8	8	80	11	Road made from the large mulla and river crossed. Country open and black.	Some of Wells	3 shops	180 houses, occupying ground 80 At 12 1/2 acres a mulla (under bridge) 15 yards wide bed sandy At 3 m across Kat river (under bridge) 20 yards wide bed sandy At 3 1/2 m / Eastern 80 houses 1 shop well 20 1/2 m / Wells on (small) 15 houses At 4 m 1/2 across a m. (under bridge) 20 yards wide bed sandy At 5 m 1/2 / Wells on (large) 20 houses 2 shops well
	Collector of Mumbai	Dahisar	10	7 1/2	67	14	Ditto	Wells and wells	3 shops	100 houses, good occupying ground 2 The made road from Poona, pass here At 1 m 20 f across a mulla (under bridge) 25 yards wide bed sandy At 2 m 20 f across a mulla (under bridge) 15 yards wide bed sandy At 3 m 7 1/2 f across 70 houses 3 shops wells At 4 m 24 f across a mulla 20 yards wide At 4 m 40 f / Pimpalgaon 20 houses At 6 m 20 f across a mulla (under bridge) 15 yards wide bed sandy At 8 m 7 1/2 f across 200 houses, 18 shops Juxta river At 8 m 21 f / Pimpalgaon 20 houses
		Burner P	12	1	79	21	Made road	Successively river	Abandoned	A small walled town with house Post office, good occupying ground NW At 1 m 11 f / Doras (small) 120 houses 4 shops, 1 well At 4 m 6 f / Wares 20 houses At 8 m 8 f / Wares, 20 houses At 12 m 4 1/2 f across Das river (under bridge) At 12 m 7 1/2 f across Successively river (under bridge)
		Randa	8	7 1/2	62	13	Ditto	Wells and wells	4 shops	900 houses, good occupying grounds 22 and W At 4 1/2 f top of a short ascent, very At 8 m 2 1/2 f top of a short ascent, very and short ascent At 4 m 1/2 f / foot of descent very
		Dahar Post Office B P T	8	2 1/2	36	12	Ditto	Abandoned	Abandoned	A large town with travellers' bungalow Post office Telegraph office, good occupying ground near the bungalow At 2 m 4 f across Dahanu river, 40 yards wide bed sandy banks very (under bridge) At 3 m 4 f / Chakras 100 houses 3 shops At 4 m 11 f / Dahanu Railway Station At 4 m 42 f / road to Dahanu camp to the left At 7 m 21 f / wells bridged At 7 m 24 f across Dahanu river (under bridge) At 8 m 11 f across road from Dahanu to Malgaon
		Mhalgaon	14	4 1/2	111	14	Ditto	Wells river	3 shops	100 houses pass through the town of Dahar, and cross O O Agru road at 1 m 1 f At 2 m 4 f / Anandnagar, 100 houses 1 shop At 3 m 30 f / Gungapur, and Gungapur At 3 m 4 f / Gungapur 300 m up 1 shop At 8 m 21 f / cross the Gungapur river 40 yards wide banks high bed sandy At 10 m 24 f / Anandnagar 15 houses At 12 m 5 f / Wager Limb
		Shiradi	14	8	125	41	Ditto	Wells and well	3 shops	100 houses At 1 1/2 f across the Wells river 80 yards wide bed sandy, banks very At 2 1/2 f / across the stream (very) of Purna ch. Benda 100 At 1 1/2 f / top of the hill At 2 m 4 f / Benda Wares, 10 houses At 3 m 21 f / Anandnagar pass At 3 m 8 f / Lona 20 houses and a stream At 5 m 21 f / across the Wells river At 7 m 11 f / top of the Wager pass, the village of Wager is 2 f / bridge to the left At 11 m 24 f / Chakras 200 beds at the foot of the pass, descent gradual and easy At 12 m 1 f / Chakras At 12 m 24 f / road from Anandnagar pass
		Carried over				125	41			





[illegible]

TABLE No. 25.  
FROM AHMEDNUGGER TO DROLALHEE, VIA KOLHAR AND SINNER  
CENTRAL DISTRICT, HY

Artillery.		houses of the...	Distances.		Road and Soil	Water	Vegetation	Remarks.
			Stage	Total				
Military	Civil		Miles	Fathoms				
		From Alameda, Guaymas to Santa Cecilia Chichimeca Quarter Guard. 1 T	8	54	80	11		
		Total			81	7		
		3 Marches.						
There is a shorter route from Guaymas to Santa Cecilia Chichimeca guard by the Chihuahua road								
		Chihuahua to Santa Cecilia Chichimeca Guard. 1 T	12	8	79	21		
		Total			81	34		
		3 Marches.						

South—From Alameda to El Paso by road 40 = 1/2 of Table 1 a. EL  
From El Paso to El Paso by rail 40 = 1/2 of Table 1 a. EL



**TABLE No 26**  
**FROM AHMEDNUGGUR TO DHOND, BY KOLGAUM.**

GENERAL DIRECTIONS A.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stages.							
			Miles.	Perangs.						
Military.	Civil.									
General Officer Commanding Poona Division, Poona.	Collector at Ahmednuggur.	Ahmednuggur Fort Gate to Kharis.	10	24	30	24	Made road.	Walmala river well shop wells.	No houses encompassing ground. At 1 m 54/ across the Walmala river (new bridge) 170 yards wide, banks low but steady, fordable few hours after heavy rain. At 2 m 1/ road to Poona branches off to the right. At 3 m 54/ Arunpura 100 houses & wells. 2 shops. At 7 m 2/ Khadakh on the right. Country open and cultivated.	
		Kolgaum B P.	13	41	23	74	Ditto.	8 wells.	8 shops.	250 houses. travellers bungalow about a mile from the village; Post office, encompassing ground. On the Walmala river soon after leaving Kharis 80 yards wide but steady banks low fordable a few hours after heavy rain. At 3 m 13/ Harna 50 houses. At 5 m 74/ Chokolia, 50 houses, 8 shops water from wells and wells. At 7 m 81/ Chokliat the top of the ghats. At 8 m 81/ foot of ghats, demand may. At 11 m 81/ road to travellers' bungalow on left. Country open and cultivated, soil black.
		Yasra.	8	24	21	8	Ditto.	14 wells.	8 shops.	150 houses encompassing ground to the N. At 8 m 14/ Chagpura 100 houses, 8 shops and a dhamak.
	Collector at Poona.	Dhond Railway Station, B P.	15	1			Ditto.	Walmala river.	Ahmednuggur.	The village of Dhond is about a mile to the left, encompassing ground. NW travellers' bungalow and branch Post office. At 3 m 51/ Wargpura 100 houses 7 wells 43 shops. At 5 m 71/ Chokolia. At 8 m 81/ Kharis 174 houses 7 shops water from the Ghara river. At 13 m 1/ across the Walmala river 100 yards wide but steady banks low fordable a few hours after heavy rain. A flying bridge in the river. At 13 m 4/ Sona the on the right bank of the Khosani 14 m 80 houses.
		Total.			40	7				
		4 Muzas.								

Note.—From Dhond to Poona by rail is 40 m 4 f.

**TABLE No 27 (1)**  
**FROM AHMEDNUGGUR TO JAULNA, BY MOONGH PARETUN.**  
 GENERAL DIRECTIONS, A.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stages		Total					
			Miles	Perangs	Miles	Perangs				
Military	Civil									
City and Military Commissioner at Pune. D. V. S. S. S. Pune.	Collector at Ahmednuggur	Ahmednuggur to Im anpur Masra	11	3	11	3	Made road			Pub Table No 22
				22	6	Made road, no black	Wells, and a well. 10 dhams	10 dhams	250 houses encompass near a mango grove	
				22	8				At 3 m 8/ Karpur. At 4 m 5/ Pargur. At 6 m 40/ Sona. At 8 m 71/ Kargur, 50 houses 8 shops. Beyond Karpur seems a broad steady rd, from Im anpur do cross the Joon ghats, which is 84/ long and easy for carts.	

Activity		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Heavy	Civil		Miles	Miles				
General Officer Commanding From Division, Poona.		Brought over	22	8				
		Jadgaon Malgaon	8 11	61	Tolerable road, 1 m. each touch out up, and dusty	Discs river...	1 sleep, water required	50 houses, 2 villages on opposite bank of the Discs river; crossing to the bank. At 4 m. 1/2 Mahe 100 houses, and a well. At 4 m. 0/2 cross a broad sandy null. At 8 m. 7/2 cross the 18 are river to 15 miles, 80 houses. 2 sleep, river 100 yards broad, bed sandy.
Collector at Nandgaon		Scorpion P	8 11	41	0	Ditto	15 wells, 4 Lushan null.	Walled village 100 houses, with launch Post office; crossing to 1/2 m. 4/2 Argaon. 40 houses. At 8 m. 3/2 Nandgaon 70 houses, 11 wells. At 4 m. 1/2 Nandgaon 80 houses, 3 sleep, well, and null. At 1 m. 3/2 Nandgaon, 200 houses, 3 sleep, and cross the Nandgaon river, 120 yards wide, bed sandy.
		Parvati, or Mangar Pondam	18 5	81	8	Good road, soil black.	Abundant, Goderav wells.	1 large town, on O. & B. bank of the God river, north of Mangar, 11 houses. N. side the river. At 8 m. 7/2 Talwar 50 houses, water sandy. At 8 m. 4/2 Chetani, on the South Wardha null, 100 houses, 30 sleep. Market place a well. At 10 m. 3/2 Talwar, 50 houses. Cross the Goderav, 400 yards wide, 1/2 foot, to Parvati. Sandy bed, banks rather high, two heavy loads.
Nalla's Territory Officer Commanding Hyderabad at Nalla's Territory		Burns Area	8 8	89	3	Ditto	Good null.	100 houses. At 2 m. 7/2 Abirav, 15 houses. At 4 m. 11/2 Nandgaon, 70 houses, trees broad sandy null, to Nandgaon at 7 m. Country open, and cultivated.
		Madhwa	10 0	73	3	Ditto	10 wells, and null. 5 sleep.	200 houses, country W. Cross the God null to Cheta, Argaon at 1/2. From Talwar at 1 m. 3/2, Lushan at 1 m. 3/2, 2 sleep. 1/2 Burn Pondam, with launch launch, at 4 m. 8/2; and cross a null to Cheta, Pondam at 8 m.
		Alkagan	9 0	83	3	Ditto	Discs river	250 houses, At 2 m. 3/2 near Nandgaon. At 4 m. 8/2 Dagar Panchgaon, At 8 m. Elbert 30 houses, and cross the Discs river, trees to Nandgaon. Country open and sandy on Discs.
		Jadgaon Commandant Post Office	10 1			Ditto	Abundant	1 large town and cantonment. At 1/2 cross the Discs river to Nandgaon. At 8 m. 4/2 near Kaila 150 houses. At 4 m. 3/2 Lushan, 80 houses, 4 sleep. At 8 m. 8/2 the town of Nandgaon, and cross the Discs river by a ford at 10 m, into camp.
		Total		83	4			
		9 March						

TABLE No. 27. (2)

## FROM AHMEDNUGGUR TO JAULNA, BY AURUNGABAD.

GENERAL DIRECTION, NE. TO AURANGABAD, THEN E.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stago.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
State's Department. Officer Commanding Hyderabad Subdivisiory Force, at Secunderabad.	Resident at Hyderabad, or Political Agent at Aurangabad.	Ahmednuggur Fort main gate to Au- rangabad W. gnto.	...	60 0 1	.....	.....	.....	Vide Table No. 23.
		Kurmand .....	14 0	63 0 1	Made .....	Abundant .....	Abundant .....	Small village. Cross four miles by bridges to Obiktiliana, a large village at 4 m. 5 f., on the Sookma river, which cross by a ford, 120 yards wide. Cross seven miles by bridges to Ladgaum, at 13 m. 0 f., and pass the small villages of Shendra and Koombal- fal on left and right of road.
		Budnipoor .....	13 4	65 4 1	Ditto .....	Abundant, from Doodna river.	Ditto .....	A walled village, on the Doodna river. At 7 m. 5 f. Shaikta, a small village with a bungalow, on the N. bank of the Bowkee river; road on the S. bank. Pass Sultana, and cross fourteen miles, three of them bridged. The Bowkee river runs to left of road for 3 m. opposite to Shaikta. It is 90 yards wide.
		Jaulna Cantonment Post Office. P.	12 4	...	Ditto .....	Abundant .....	Ditto .....	A large town and Nizam's cantonment. Cross the Doodna river from Budnipoor, 60 yards wide, which soon fills and subsides in the rains. At 2 m. 4 f. the large village of Shaiggaum. At 6 m. 0 f. Nagarwaree, a small village. At 10 m. 3 f. enter the town of (Old) Jaulna; and at 11 m. 4 f. cross the Koondies river, 120 yards wide, by a ford or raft. In dry weather, 5 f. may be saved by leaving the town to the right and crossing three rivers to camp.
		Total .....	...	108 0 1				
		8 Marches.						

TABLE No. 28.

## FROM AHMEDNUGGUR TO KALUDGHEE, BY PUNDERPOOR, BEEJAPPOOR, AND BULOOTEE FORD OF THE KRISHNA.

GENERAL DIRECTION, S. BY E.

Authorities.		Names of Stations.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stago.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Poonah Division, Poona.	Collector at Ahmednuggur.	Ahmednuggur Fort main gate, to Sakut.	10 5	10 5	Cleared fair cart-road.	Seema river.....	None .....	12 huts on the Seema river; encamping ground NE. At 3 m. 8 f. Durwaree, on left. Cross the Seema river to Seema Dhan, 50 houses at 8 m. 3 f. a fine stream of water, 18 inches deep, channel sandy, banks muddy. At 9 m. 7 1/2 f. Dhasegaum, 1 shop.
		Carried over.....	... ..	10 5				

[illegible]

Authorities.		Name of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
		Brought over.....	...	128 6				small villages. Between Seedwarce and Mullawarce cross the Mangunga river, 170 yards wide, fordable in dry weather; cross also five nullas in this march, some of them causing detention in the rains. Country open, and well cultivated.
	Political Agent at Kolsipoor.	Holjuntce .....	18 5	140 8	Good road over level plain; heavy black soil for 7 m., then over undulating sterile ground.	Large nulls, and tank.	4 shops .....	250 houses, and a fort, on N. bank of nulls; good encamping ground. At 7 m. 1 f. Marrowlee, 120 houses, 8 shops. Cultivation the whole way; hilly ground near Marrowlee; cross several nulls.
		Boorgee .....	16 5½	102 0½	Hard rocky .....	Ditto .....	Scenty; 2 shops.	75 houses; Kurrungee is a large village a mile to the SW. At 7 m. 1 f. Oomdee, a large village, with a fort, on a null; water and supplies abundant; firewood scarce. At 11 m. 4 f. Balgum, a small village. Cross five nulls, some of them difficult in the rains. Country open and sterile.
		Boblad.....	11 0½	173 1	Ditto .....	Wells of brackish water and from a null.	shop .....	85 houses, a fortified village; good encamping ground. Cross ten nulls in this march, some of them very difficult in the rains. At 5 m. 5 f. Jalihal, a small village.
		Beespoor, E. side ...	12 7½	189 0½	Good road, over undulating barren country.	Abundant, from wells and tanks.	Abundant ..	Large ruinous walled town, formerly the Mahomedan Capital of the Dekkan, celebrated for the splendid tombs of its Kings; Post office; extensive ground for an encampment on every side except the E. At 5 m. 6 f. pass Rickeroo.
		Moolwar .....	16 2½	201 3½	Cleared road, soil black; an extensive undulating plain.	Nulls and wells, water very good.	A few shops.	270 houses, and a large dhurumali; encamping ground SE., very stony; but sufficient good ground for a regiment to be turned in an irregular and confined camp is to be found close to the village among gardens, trees, and wells; there is also good ground, with water, about 1½ m. before reaching Moolwar, in a top of trees, through or near which the road passes. At 4 m. 1 f. pass Joomal, 120 houses, a few shops, with good open ground for encamping. At 9 m. 1 f. Hougumlee and Savumlee. At 10 m. 2 f. cross a large null.
	Collector at Kuldighce.	Bulotee .....	18 0½	214 8½	Ditto .....	Kristna river and wells.	shop .....	A village of 123 houses, and a chowree on the N. bank of the Kristna river; encamp in plain close to village, also on the S. bank in a black soil plain. The river here is three quarters of a mile across by the ford; though not more than half a mile from bank to bank. It is fordable about the end of December, though at that time it would be deep; and the bed being full of immense stones, it would be very difficult until the ford is cleared, which will be necessary yearly after the monsoon; after this, however, a regiment marching from the last stage on either side is able, without difficulty, to cross at once and encamp on the other side after January. The banks are sloped down and easy, and the ford marked by stones. At 8 m. 0 f. Munglan, 75 houses. At 9 m. 7 f. Asungee, 150 houses.
		Bod Khindee .....	6 3½	220 7	Ditto .....	Wells .....	3 shops .....	88 houses; good trees for travellers; encamping ground S. of the village close to the road. The direct road to Kuldighce by the Koonduree ford branches off to the right here. Cross the Kristna river near Bulotee to Holes which is on the south bank. There is another road from Moolwar to Bod Khindee fording the Kristna river at Kolar at 11 m. 7 f. (ferry boats in the rains), and thence to Bod Khindee 6 m. 5 f., the first part rough and stony.
		Carried over.....	...	220 7				

Area		Name of Village	Distance				Road and Soil	Water	Supply	Remarks
Yearly	Chil		Miles	1	2	3				

		Collection at Kumbhgar	From Belgaum				Good road with black on extensive mud- ling, plain	Shimpara river	3 shops	100 houses - occupying ground 55. At 1 - 14 f a way 2. At 3 m 7 1/2 f. Beyond 140 houses 4 f on the right
		Ungravelled	8	31	222	11				
		Gravelled	11	74						
		Total			211	02				
		El. Meters								

Note.—The direct road from Moirwa to Bel Khandee, is as follows —

		Collection at Kumbhgar	To Moirwa				Clear road	Kistna river	Ponorable	Is always A large village with Post office on the north bank of Kistna river; a large ferry boat here. At 6 m 3 f. Beyond At 8 m 7 f Garden are shade and are a small to Gar- manga here, on all villages. 10 houses. Cross the Kistna river to left at 1 m 1 f f and is in December. Ferry boat on the river.
		Bel Khandee	6	8	219	71				

The direct road from Bel Khandee to Kumbhgar, is as follows —

		Collection at Kumbhgar	Bel Khandee				Good	Shimpara river	3 shops	100 houses on the left bank of the Shimpara river; occupying ground on either bank. At 4 m 41 f. Beyond 140 houses.
		Ungravelled	10	81	205	41				
		Gravelled	4	81						
		Total			219	3				
		El. Meters								

The more direct road from Kumbhgar to Pandharpur, is as follows —

		Collection at Kumbhgar	To Kumbhgar				Good	Ditto	Ditto	Ditto
		Ungravelled	10	0	78	01				
		Gravelled	11	0	81	01				
		Total	11	0	159	02				
		El. Meters	10	0	30	01				
		Ungravelled	11	0	11	0				
		Total	21	0	111	01				
		El. Meters	21	0	111	01				
		Total			211	02				

General Officer Commanding up Belgaum District, Belgaum.

General Officer Commanding up Belgaum District, Belgaum.

General Officer Commanding up Belgaum District, Belgaum.







[illegible]

TABLE No 31.

FROM AJMERDURGUR TO POONA, BY SCROOR

COLLECTION, SA BY U

Full name		Sex	Date of birth	Physical				Inland Road	Water	Height	Remarks
				Age	Tall	Weight	Height				
First name	Last name			Age	Tall	Weight	Height				
On General Officer's Command	Colonel and Major	Female	1980-01-01	1980-01-01	1980-01-01	1980-01-01	1980-01-01	Inland Road	Water	Height	Remarks
				1980-01-01	1980-01-01	1980-01-01	1980-01-01				
				1980-01-01	1980-01-01	1980-01-01	1980-01-01				
				1980-01-01	1980-01-01	1980-01-01	1980-01-01				
Table No 23 (1)											
Table No 23 (2)											
Table No 23 (3)											

James A. Richardson  
Dunlap, Iowa

40: 7 f 1.1-2.14 No NO  
K. 4

TABLE No. 32 (1)

FROM AHMEDNUGGER TO SATTARA, BY DHOND, SOOPA, AND THE SALPA GILAUT.

GENERAL DIRECTION: MAY

Authority		Name of River.	Distance		Road and Road.	Water	Supply.	Remarks
Wherry	Cow		Stages	Total				
			Miles.	Furlongs.				
		Arundelgate. From gate to Island. From	7	7	68	7	1	Full Table No. 25.
					67	6		
	Collector at Poon.	Range R. P.	8	7	64	6		
		Moates and Moates.	10	42	78	12		
		Moates bridge (rains)	9	75	81	41		
	Collector at Sathana.	Moates	10	4	63	61		
		Decor B	8	8	63	61		
		Be from Post office R. P. Y.	18	9				
		Total			318	61		
		11 Wherry						

Narr.—This is the first time I have seen a person like the boy  
from Abbeville, he is from  
Tombigbee.

Is the dog	3	3
"	3	3
"	7	4
<b>Total</b>	<b>13</b>	<b>10</b>

TABLE No. 32. (2)

FROM AHMEDNUGGER TO SATTARA, VIA SEROOR, ALLHINGAUM, KAIRGAUM,  
AND SALPA GHAUT.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stages.	Total.						
			Miles.	Perangs.						
General Officer Commanding Forts Division, Poona.	Collector of Poona.	From Ahmednugger to Seroor (narrow-gauge railway).	—	81	81	Made road	—	—	See Table No. 32. (1)	
		At Ahmednugger Government cattle farm buildings.	15	3	48	81	Clear for 2 miles, the Bhurna river past a cart track.	Abandoned	The village of Allhingaum is 1 mile 7 1/2 farther on. At 8 m. 8 1/2 f. pass Goley-pur, 100 houses. At 9 m. 5 1/2 f. cross a null, 84 yards wide. At 1 m. 6 f. some houses on a level of 213 yards. At 8 m. 2 1/2 f. a short descent. At 8 m. 7 1/2 f. cross a null, 10 yards wide. At 8 m. 2 1/2 f. cross another null. At 8 m. 10 1/2 f. road to Allhingaum via Kairgaum branches off to the left. At 9 m. 1 f. cross the cleared road from Pargana. At 9 m. 3 1/2 f. a null, 125 yards, 8 slopes. At 10 m. 9 f. and 11 m. 2 1/2 f. cross nulls. At 12 m. 1 f. Goleypur, 150 houses, 4 slopes.	
		Kairgaum Railway Station.	12	81	80	11	Clear for 2 miles, the river past a cart track about 4 miles, the river made.	Wells	Proceedable	The village of Kairgaum (about 1 1/2 m. to the W. from the Railway station). At 1 m. 5 f. cross null, 40 yards wide, bed sandy. At 1 m. 7 1/2 f. Allhingaum, a large village, 18 shops. At 2 m. 8 1/2 f. at 4 m. 5 f., and at 5 m. 8 1/2 f. cross nulls. At 6 m. 1 f. a well. At 6 m. 8 f. cross the Bhurna river, 387 yards wide, bed sandy. At 8 m. 7 1/2 f. Pargana, 5 f. to the right, 100 houses, 4 shops, and Collector's bungalow. At 7 m. 6 f. a short ascent. At 10 m. 1 1/2 f. Kairgaum, a small village to the left. At 12 m. cross a null.
		Seroor D.P.	10	21	69	41	Made road with drains, across the small nulls.	Wells and wells	Abandoned	A small town with (narrow-gauge) bungalow and Launch Post office. At 1 m. 2 1/2 f. cross a null 22 yards wide, bed sandy. At 1 m. 7 1/2 f. cross the Bhurna road. At 4 m. 2 1/2 f. cross a null 20 yards wide. At 5 m. 5 1/2 f. cleared road from Pargana on the right. At 7 m. cross a null, 16 yards wide, and again at 7 m. 2 1/2 f. and at 8 m., and cross some the several of the Chappan Micro Ghaat. At 10 m. 1 f. cross a null 22 yards wide; and at 10 m. 1 1/2 f. cross another null, 18 yards wide.
		To Sattara	51	31	—	—	Made road	—	—	See Table No. 32. (1)
Total			—	—	130	75				
11 March.										

TABLE No 33 (I)

FROM AJMERDUGGUR TO SHOLAPOOR, BY KURMULLA.

CONTROL OFFICERS OF M.I.

Under this		Distance				Food and Fuel	Water	Supplies	REMARKS
Reference	Trail	Name of Stage		Stage	Total				
		Miles	Direction	Miles	Miles	Food	Fuel		
11 March	Alamogordo to Fort	17	W	107	110	3	10 lbs meat	1 sheep	17th Table No. 28.
	Fort to Alamogordo	8	E	12	14		Ditto	Wells and water	1 sheep
	Alamogordo to Fort	11	E	11	11		Ditto	1 sheep	1 sheep
	Total			130	130				
	11 March								
The above trail road from Alamogordo to Fort is as follows—									
12 March	Fort to Alamogordo	17	W	107	110	3	10 lbs meat	1 sheep	17th Table No. 28.
	Fort to Alamogordo	8	E	12	14		Ditto	Wells and water	1 sheep
	Alamogordo to Fort	11	E	11	11		Ditto	1 sheep	1 sheep
	Total			130	130				
	12 March								

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Location etc.		Name of Stage	Stages		Food and Fuel	Water	Supplies	Remarks
			Start	Total				
Military	Civil		Miles from P.	Hours from P.				
General Officer Commanding Force P. W. S. S. S.	Civilian	Reached over Vadala	-	100 31	Cleared road	Wells	3 shops	300 houses. At 2 1/2 / cross the Tadga river, banks high, bed sandy. At 3 m 4 / cross the Annapurna river to Ballari, 100 houses 3 shops. At 4 m 7 1/2 / Ballari 200 houses, 3 shops. At 5 m 4 / Durgam, 120 houses, 3 shops, cross 12 miles.
		Reached over D. P. T.	15 4	115 31				
		Total	15 4	-	Ditto	Abundant	Abundant	A large town fort and cantonment, travellers, bungalow, Post and Telegraph office; head quarters of the Collector. At 5 m 4 / 120 houses 3 shops. At 6 m 2 1/2 / Khambhat 100 houses 3 shops. Cross 12 miles.
		11 March		131 7				

TABLE No 34

FROM AHMEDNUGGER TO SURAT, BY KOLHAR, KASSIK, THE SAWUL GHAT, PRINT,  
AND PALDED

GENERAL DIRECTION, NW

Location etc.		Name of Stage	Stages		Food and Fuel	Water	Supplies	Remarks
			Start	Total				
Military	Civil		Miles from P.	Hours from P.				
General Officer Commanding Force P. W. S. S. S.	Civilian	Reached over Kassik	-	8 31	Cleared road	Large tank, and some wells	12 shops	This Table No. 31. (1)  This Table No. 31. (2)  25 houses, occupying ground 1/2 mile a tank. At 2 m cross the 1st river, 200 yards W by land along, road to Bahar; road to off to the left. At 3 m 7 1/2 / Chausa Chauri 30 houses. At 4 m 4 / Jangra, 30 houses. At 5 m 4 / cross the Chausa river 200 yards wide, bed sandy and rocky, banks low every 1/2 m. At 6 m 4 / Ghambhat 30 houses 3 shops.
		Reached over Palda	7 4	15 31				
		Reached over Print	8 7 1/2	23 31	Ditto	Thick and wells	Abundant	A large open town. Fort off; occupying ground 1/2 mile a tank. At 2 m 7 1/2 / cross the Khambhat river, 200 yards wide, bed sandy, banks low, some by boat at night were stretched at low tide. Others, small villages on the bank.
		Reached over Durgam	8 7 1/2	31 31				



As before		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS			
			Stage	Total							
Mileage	C. & L.		Miles	Per centage					Miles	Per centage	
General Officer Commanding Thamassiar Force	Collector of Stamps & District	Distance over				Cl and road	Wells	Unford	(Unford)	A small village. At 8 m 1/2 / Pungud At 7 m 4 / Javray At 6 m 6 / Dargur	
		Chennai	11	4	100						61
		Distance over Chennai	12	8							
		Total			118						71
		8 Meters									

TABLE No 40

## FROM ASSEERGHUR TO LLLICHPOOR via KARALLAH

GENERAL DIRECTION T

As before.		Name of Stage	Distance		Road and Soil	Water	Supplies.	REMARKS.
Mileage	C. & L.		Miles	Total				
			Miles	Total				
General Officer Commanding Mysore Division, Mysore	Ch. of Organisation	Asserghur to Be- wal	7	0	Country cut track	Wells and the country river		300 houses, ground good. T on the banks of the well. At 1 m 11 / Cl on the banks the road (on the left of Asserghur (Tham- assiar) is on the left. At 2 m 7 / cross a well. At 3 m 1 / Dargur At 4 m 5 / cross a well. At 4 m 7 / cross the well. Country very and very
		Normal	8	8	Do. Asserghur to Be- wal. Country good.	Wells and Poles river		3 houses. At 2 / cross the Oolai River At 4 m 8 / cross the Asserghur river to Be- wal. Country very
		Asserghur	10	4	Do. Be- wal. Country good.			A described. There is a well between the river and village. Country good and water very good. On the left of the country At 2 / cross the Poles river. At 1 m 7 / cross the Poles river. At 5 m 8 / cross the Poles river. At 6 m 8 / Do place. At 11 m 4 / cross a well. At 12 m 2 / cross the Doal river (Lada) is on the river road. On the banks of the country very and very.
		Asserghur river on the Doal place river	12	4	Doal good	Doal River river		On the left of the bank for a small distance At 2 / cross the Asserghur river. At 1 m a well. At 1 m 8 / cross the Asserghur. At 2 m 7 / cross the Asserghur and stop. At 4 m top of the hill. At 4 m 11 / a small well. At 10 m 4 / cross the Asserghur river and the well is on the left of the Asserghur. The near the country very and very. The level of the well is very good. On the left of the well is a hill and jungle.
		Doal river		44	3			





TABLE No. 41

FROM ASSERGOURH TO HOOSINGABAD, VIA KHUNDWA AND SEWKEE.

GENERAL DIRECTION, NE

[illegible]

Here,  $T_1 = \{T_1, T_2, \dots, T_n\}$  is a collection of the  $n$  nodes, people, activities and purposes of the  $n$  nodes character. The  $n$  nodes are measured according to the  $n$  nodes of the  $n$  nodes.

TABLE No. 42

## FROM ASSEEBGHUR TO INDORE, BY THE SIMROLI GHAT.

GENERAL DESCRIPTION, 1898

Authorities		Names of Places	Distance		Road and Road.	Water	Supplies	Remarks
			Miles	Total				
Native	Oral		Miles	Parasangs	Miles	Parasangs		
Chief of Cessions near Central Province, N. India, and the Commissioner of the Central Province, N. India.		Asserghur to Berghur	11 0	11 0	Made road, country jungle	30 wells and river	30 shops	From the Ghorees in the Patta 157 houses, 48 houses, and 100 houses, occupying ground on the bank of the Berghur river. At 1 = 1/2 f. of the Berghur, occupying ground good and extensive, with plenty of water in the Doh (Ghat) river. At 1 = 2 1/2 f. across the river (bridged) At 3 = 1 1/2 f. from the Berghur, 11 houses. At 3 = 6 1/2 f. across the Berghur river, 83 yards wide bed road, banks high. At 4 = 1/2 f. Doh, 15 houses. At 5 = 7 1/2 f. across the Doh, Ghoree side 11 yards wide bed road, banks low. At 6 = 8 1/2 f. across the Berghur side, 10 yards wide, bed muddy, banks high.
		Makliya	12 6	23 6	Made road, country open	6 wells, river and 8 shops		75 houses, 48 houses, and 100 houses, occupying ground on the right of the Ghoree side. At 2 = 2 1/2 f. houses, 40 houses, on the right. At 3 = 4 f. Doh, 10 houses on the left, the made road to Makliya, 114 miles to the left. 100 houses off here. At 8 = 7 1/2 f. Makliya, 208 houses. At 9 = 8 1/2 f. Patta, 75 houses. At 10 = 1 1/2 f. across the Berghur river (bridged).
		Doh	8 11	31 7	Ditto	1 wells and river	1 shops	80 houses, 48 houses, and 100 houses, occupying ground on the right of the Ghoree side. At 1 1/2 f. across the Berghur river, 30 yards wide, bed muddy, banks low. At 2 1/2 f. across the Berghur side 10 yards wide, bed muddy. At 3 = 1/2 f. Cheryna, 187 houses 8 shops, 100 houses, and 100 houses, made road to Makliya branches off to the right.
		Indore	9 3	40 0	Made road, country jungle	Abundant	11 shops	80 houses and a Berghur, occupying ground on the left. At 1 1/2 f. across a branch of the Berghur river, with low banks and a gravelly bed. At 2 = 1 1/2 f. Berghur, 28 houses, 3 shops, and a small Berghur. At 3 = 2 1/2 f. a short descent, Makliya (Ghat).
		Asserghur	11 0	51 0	Made road, country open	Ditto	Abundant	1 large village on the right bank of the Berghur river, with a road the above 60 miles, occupying ground to the left. At 1 = 1 1/2 f. from Ghoree. At 2 = 1 1/2 f. a short descent, Makliya, 100 houses. At 3 = 1 1/2 f. Doh, 101 houses, 8 shops, 1 house, and 100 houses. At 4 = 2 1/2 f. Makliya, 100 houses. At 5 = 1 1/2 f. Berghur, 118 houses.
		Berghur	8 7	59 7	Ditto	Ditto	Ditto	1 small town with 100 houses, 100 houses, and 100 houses, occupying ground on the right of the Ghoree side. At 1 = 1 1/2 f. from Ghoree. At 2 = 1 1/2 f. a short descent, Makliya, 100 houses. At 3 = 1 1/2 f. Doh, 101 houses, 8 shops, 1 house, and 100 houses. At 4 = 2 1/2 f. Makliya, 100 houses. At 5 = 1 1/2 f. Berghur, 118 houses.
General note			61 11					

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Miles	Cts		Miles	Fathoms				
General Officer Commanding Mysore Division Mysore								
Agent to the Governor General for Control in M. & C. to Mys.								
		Except over		81	11			
		Bahadur	10	4	71	61		Abundant
								50 houses, 8 wells and travellers' bungalow; surrounding ground in the L. At 8 m. S. / a well with steps. At 8 m. S. / Bungalow, 8 houses and 11 steps. At 8 m. S. / Bungalow, 8 houses. At 6 m. S. / Cattle are abundant and numerous bungalows. At 8 m. S. / Kottaval 6 huts. At 9 m. S. / a well.
		Junction of the Mysore road near Bannur	13	5	84	66	Muddy	None
								The village of Bannur is about a mile to the S. 400 houses, 23 steps and a bungalow; surrounding ground W with a well. Travelled last bungalow at the top of the ghats. At 1 m. S. / commenced the ascent of the Mysore Bannur ghats. At 1 m. S. / At 2 m. S. / pass a well with steps. At 4 m. S. / pass a bungalow. At 5 m. S. / cross the Chavara river (over bridge). At 7 m. S. / commenced the ascent of Bannur Bannur ghats. At 7 m. S. / Bannur, 150 houses, 23 steps and an old tank. At 8 m. S. / down Chavara river. At 9 m. S. / a bungalow. At 9 m. S. / commenced the ascent of the Bannur ghats. At 10 m. S. / Kottaval Ghats in Chavara. At 11 m. S. / top of ghats.
		Bannur	13	6			None	None
								A large open city, the capital of Bannur territory on the left bank of the Kottaval Bannur and Chavara, with travellers' bungalow, tank and Telegraph office; surrounding ground west of Bannur. At 1 m. pass Bannur 400 houses, 23 steps, bungalow. At 7 m. S. / cross an easy descent. At 8 m. S. / made road from Bannur to Chavara. At 9 m. S. / on the left, Bannur. At 10 m. S. / pass a bungalow. At 11 m. S. / on the road to the town Bannur off R.R. At 12 m. S. / made road from Bannur.
		Total		85	62			
		93 miles.						

TABLE No. 43

## FROM ASSEENGURH TO JAULNA, VIA BOORHANPOOR AND AJANTA.

CENTRAL DIRECTORATE R. &amp; W.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
			Miles	Fathoms	Miles	Fathoms				
Miles	Cuts									
General Officer Commanding Mysore Division Mysore										
		Assengurh to Jaulna	-	-	83	83	-			See Table No. 42
		Assengurh to Jaulna	13	5	97	97	Good road, at 5 1/2 hours Assengurh to Jaulna. It crosses the river, and is 1 1/2 hours descent.	Abundant		A large village. Pass S. / through the town of Assengurh to the S. / pass. At 1 m. S. / Bannur. At 1 m. S. / Bannur, a large village on the Bannur river, which cross. At 7 m. S. / on the left, Bannur. At 8 m. S. / Bannur, a large village. At 12 m. S. / cross the Bannur river, a large
		Assengurh to Jaulna	-	-	97	97				
		Assengurh to Jaulna	-	-	97	97				

Authority	Character	Names of Stages	Distance				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
			Miles	Parangs	Miles	Parangs				
Civil	Library	Brought over			87	13	Good road covered, Kachin river with both banks		Abundant	A large village on the Kachin river. At 8 m 8 f Daggawane at 8 m 8 f, at 8 m 8 f Daggawane—small village with wells, but no supplies. Cross the Kachin river to Kachin. Country hilly and covered with low jungle.
		Koodale	30	8	117	21				
		Berra Kachin	8	3	125	24				
		Panone	13	1	138	25				
		Kachin Pitha (not end)	10	5						
		Total			138	41				
		13 Stages								

TABLE No 44.

FROM ASSEERGURH TO KOOKURMOONDA, BY SOWDA, YAWUL, OTOPRA, THALNAIR, SHADA, AND TULLODA.

CENTRAL DIRECTOR, N. W. S.

Authority		Names of Stages	Distance				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
			Miles	Parangs	Miles	Parangs				
Military	Civil									
General Officer Commanding Frontier Division, Poonchi	Collector of Abnashah at Poonchi	Amoy, (not end) to Sowda Jurnal or Poonchi P	18	7	78	14	Good cleared road, red, white and black	and Mera Abundant river		Table No 39 (1)
		Carried over			80	21				
										<p>A market town, with branch Post office (a money bag, ground). Country open and well-cultured. A strong track bet. in capital system 20 feet high, built against a hill or house and simple led in every direction. The River flows close water for the first, on two miles. At 3 to 14/1. Play road. At 7 m 8/1 cross the Mera river, 1 mile away. At 4 m 11/1. Amoy 120/1 cross, 1 day, road built. The cleared road to Poonchi leads back to the hill here. At 8 m 1/1 to 20/1 mile, a large village with water and sugar place and good economy sugar land. At 10 m 3/1. Utera or Alimera, a small village, and across the final river. Country cultivated, and open.</p>

Arboreal		Type of Forest	Distance		Road and Soil	Water	Vegetation	Remarks
Native	Exotic		Stage	Total				
Native	Exotic		Native	Total				
		Brought over		25 72				
		Amorpha	17 5	08 41	Good cleared road, soil black and well loose.		Abundant, weedy marsh	2000 houses, across the River river at 1/2 At 4 m. on the River river. At 4 m. 1/2 of the large village of Kachela. At 8 m. 1/2 Wagoda and at 7 m. 1/2 (Gachela) on road village. At 8 m. 5/8 (Kachela) 200 houses, 3 shops. At 10 m. 5/8 of Gachela, 20 houses, 1 shop. At 12 m. 4/8 of Dama, 200 houses. At 14 m. 4/8 of Dama, 20 houses. At 16 m. 4/8 of Dama, 20 houses. At 18 m. 4/8 of Dama, 20 houses. At 20 m. 4/8 of Dama, 20 houses. At 22 m. 4/8 of Dama, 20 houses. At 24 m. 4/8 of Dama, 20 houses. At 26 m. 4/8 of Dama, 20 houses. At 28 m. 4/8 of Dama, 20 houses. At 30 m. 4/8 of Dama, 20 houses. At 32 m. 4/8 of Dama, 20 houses. At 34 m. 4/8 of Dama, 20 houses. At 36 m. 4/8 of Dama, 20 houses. At 38 m. 4/8 of Dama, 20 houses. At 40 m. 4/8 of Dama, 20 houses. At 42 m. 4/8 of Dama, 20 houses. At 44 m. 4/8 of Dama, 20 houses. At 46 m. 4/8 of Dama, 20 houses. At 48 m. 4/8 of Dama, 20 houses. At 50 m. 4/8 of Dama, 20 houses. At 52 m. 4/8 of Dama, 20 houses. At 54 m. 4/8 of Dama, 20 houses. At 56 m. 4/8 of Dama, 20 houses. At 58 m. 4/8 of Dama, 20 houses. At 60 m. 4/8 of Dama, 20 houses. At 62 m. 4/8 of Dama, 20 houses. At 64 m. 4/8 of Dama, 20 houses. At 66 m. 4/8 of Dama, 20 houses. At 68 m. 4/8 of Dama, 20 houses. At 70 m. 4/8 of Dama, 20 houses. At 72 m. 4/8 of Dama, 20 houses. At 74 m. 4/8 of Dama, 20 houses. At 76 m. 4/8 of Dama, 20 houses. At 78 m. 4/8 of Dama, 20 houses. At 80 m. 4/8 of Dama, 20 houses. At 82 m. 4/8 of Dama, 20 houses. At 84 m. 4/8 of Dama, 20 houses. At 86 m. 4/8 of Dama, 20 houses. At 88 m. 4/8 of Dama, 20 houses. At 90 m. 4/8 of Dama, 20 houses. At 92 m. 4/8 of Dama, 20 houses. At 94 m. 4/8 of Dama, 20 houses. At 96 m. 4/8 of Dama, 20 houses. At 98 m. 4/8 of Dama, 20 houses. At 100 m. 4/8 of Dama, 20 houses.
		Clusia	19 8	74 18	Dense	None	Abundant	2000 houses, a market town with branches Post office situated east of Dama by land near branches all to the left here. Country as before
		Calamagrostis	18 0	91 17	Dense	Amorpha, good and abundant	Scarcely	20 houses on the left bank of the River river At 9 m. 1/2 of Dama and Gachela, 20 small villages with a road running between
		Tillandsia	12 3	103 71	Dense	Top as river	Abundant	2000 houses, a market town, and small on the W bank of the River river, visible from February to July, a ferry boat kept Ronde branch off from Dama 5 and 6 m. Dama and Mail point respectively. That near is about 10 m. to the E. of the ferry at the Dama, on the (road) high road between Dama and Mail. Crossed the River river at Calamagrostis. At 4 m. 1/2 of Dama large village on the right bank of the River river. Weedy marshy land here. Country open with cultivated and then jungle. Through out the whole of the marsh from Dama to the Dama river is a 1/2 mile or 2, from 3 to 4 miles and the Dama marsh of mountains on the right, from 4 to 10 miles distant.
		Clusia	8 0	111 51	Dense	Abundant, from water and river	Dense	A road at Dama with Dama and office. At 1 m. across a mile to Dama. At 2 m. the road runs from Dama to left. At 3 m. 5/8 of Dama road to Dama the Dama, about branches off on right At 7 m. 4/8 of Dama, and across the River weedy river
		W. soil	12 0	123 51	Dense	Wells and wells	Scarcely	A small village on the bank of a small At 2 m. across a mile to Dama. At 3 m. Dama. At 4 m. 1/2 of Dama. Crossed the river to Dama.
		Kachela	12 0	135 51	Dense	None	Producible	Village on the right bank of a large river At 4 m. 1/2 of Dama, a large village village about 5/8 to the left. At 8 m. 1/2 a large village. At 11 m. 1/2 of Dama, on cross the Dama to Kachela.
		Clusia	0 0	135 51	Dense	Abundant	Abundant	A small market town with branches Post office on the left bank of the River river. At 4 m. 4/8 of Dama.
		Tillandsia	17 0	152 51	Dense	None	Dense	A market town with branches Post office, near the River river at Dama. At 2 m. 4/8 Dama. At 3 m. 2/8 of Dama. At 4 m. 1/2 of Dama, a road runs a large mile. At 6 m. 2/8 of Dama, and across the River At 12 m. 4/8 of Dama.
		Kachela	7 9		Dense	Dense, typical river	Dense	A small town with a fort in ruins on the right bank of the River river
		Total		100 51				

TABLE No 45

## ASSHNEGURH TO MALLIGAUM, BY MHUSWA

GENERAL DIRECTION SW BY W

Authorities		Name of Stage	Distances		Road and So L.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Postage	Miles	Postage		
General Officer Commanding 7 <sup>th</sup> Div. D. V. C. P. W. C.	Civil	Asshnegurh to Erumadai Vinnara	10	9 1/2	81 1/2			This Table No 38 (2)
		Datta	18	0	100 1/2			
		Erumadai	8	7	118 1/2			
	Military	Asshnegurh to Erumadai Vinnara	11	1	129 1/2			
		Malayalam road B P T	15	0				
		Total			144 1/2			
11 March 1911								

TABLE No 46

## FROM ASSHNEGURH TO MIHOW, BY THE SIMBOLE GHAT

GENERAL DIRECTION, S.W.

Authorities.		Name of Stage	Distances		Road and Soil	Water	Supplies	REMARKS	
			Stage	Total					
Military	Civil		Miles.	Postage	Miles	Postage			
General Officer Commanding 7th Mian Division, Mian	Agree to the Government of India for Civil Roads and Bridges	Assam to 12 miles of the Indian road over the north of the Contingent Cheng R.F. 1	10	0	81	81	Made road country open	Abundant	This Table No. 42.  A large section road with Post and Telegraph office and travellers bungalow At 2 m 0 / past Mungpoo At 6 m 8 / Akha 180 houses, 8 shops. At 7 m 8 / a well At 8 m 3 / water Khara At 6 m 14 / a tall shewry and lots At 9 m 1 / Gogor Khara.
		Total				91	01		
		8 March 1911							

TABLE No. 47

## FROM ASSEERGURU TO MUNDLAISIE

GENERAL DIRECTION 3A to 3A

[illegible]

TABLE No 48.

ADSEERGURH TO SEHORE, BY KHUNDWA, CHARWA, AND HINDIA.

GENERAL DIRECTION, W. H. V.

[illegible]



Authority		Name of Village	Distance		Road and Soil	Water	Supplies	REMARKS		
			Stage							
			Miles	Package						
Military	Orill	Brought over			100	1				
		Over the Karabala river to Kharwar	1	0	10	1	Plentiful	Plentiful	A considerable town. The river is fordable here by a bad ford from December to June, and there are ferry boats at Elodon.	
		Kongame	15	2	110	3	Ditto	Ditto	An open town of about 2,000 houses on the river January. At 7 m. 4 f. Kumbilgopur. At 12 m. Barukh. Country cultivated.	
		Pattinam	11	2	130	5	Ditto	None, procurable from Jeppoon.	A small village. The Chetty river flows here, passes also from Jeppoon.	
		Across the Barukh glaze to Daveli poor	5	2	137	7	Ditto	Jeppoon to be 100 houses. The Barukh glaze very good and suitable for carts.		
		Kharwar	18	2	180	1	Kulla	Small houses. 200 houses. At 2 m. 2 f. Arukh. At 6 m. 2 f. Humpstpoor. At 8 m. 4 f. Daveli. At 10 m. 4 f. Jeppoon.		
		Behore T	13	2			Ditto	Plentiful	Abundant.	A considerable town with good houses. Residence of the Political Agent. Post office.
		Total			185	4				
		15 Marcho								

From the Madras Mounts Book, 1830

TABLE No. 49.

FROM ASSEEBGURH TO SIRDARPOOR, BY AKBARPOOR, DHAR, AND ALJHEERA.

CLINICAL INFECTION, 1997

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS				
			Rings	Total								
Military	Civil		Miles	Parasangs	Miles	Parasangs						
General Officer Commanding Mysore Division, Mysore	Agent to the Government, General Sir Central India at Bangalore	From Amargach to Dhar Jagannath, Awa south gate B	14	14	127	81	First 3 miles made, 110 A large tank and abundant, heavy weekly market on Fridays	Fide Table No 20  800 houses, travellers' bungalows, suitable ground for encamping near the bungalows to the south of the town. At 8 m 4 f from the Dhar Jagannath gate At 8 m 5 f from Dhar Jagannath At 4 m 4 f from Mysore, 15 houses. At 5 m 1 f Mal has Chattr, a small temple At 5 m 5 f Yawla, 800 houses, 80 m up At 8 m 14 f Badinipore, 180 houses, 2 shops At 10 m 84 f Dhar, 80 houses At 11 m 91 f Dhar 4 hours At 13 m 31 f Mal pears. On the march cross 3 large and 11 small mounds, of which only 4 were not clear are bridged. Country covered with thick low jungle				
		Bangalore	12	4	151	81			Good country cart road, and the last mile made	Mysore river	Dhar, also Dhar	Head quarters of the Mysore Blat corps, and the Assistant Political Agent. At 3 m 51 f from Mysore, 4 houses. At 6 m 14 f Harede, 80 houses 1 shop. At 8 m 2 f road from Dhar pears on right. At 10 m 84 f Talpavore, 40 houses. At 10 m 44 f cross a large wall. Kumbhara Kumbh, 40 huts, white, b'd mud, bricks sloping, suitable 2 m 8 hours after heavy rain.
		Total							163	81		
		16 Marches.										

Articles.		Names of Stages	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
From Dhar to Burdwan, by Bagura, is as follows —								
General Officer Commanding Khur Division, at Dhar.	Agreed to the Government General for Central India, at Dhar.	To Dhar, as above . . .	—	137 54	Country not road, soil black.	—	—	About 100 houses and 2 "remains" which are sometimes used as dwellings; occupying ground not, but enclosed. At 1/2 p.m. pass through town of Dhar to west gate. At 3 p.m. 6 1/2 f. Chakla, 125 houses, 1 shop, 4 wells, and a tank over a well near Chakla, but hardly, hardly here, suitable on hour after heavy rain. At 4 p.m. 5 f. cross a well to Burd, 80 houses. At 5 p.m. 1 1/2 f. Kherapara, 60 houses, 2 shops, and a tank. At 6 p.m. 1 1/2 f. road to Burdwan branches off to the right. At 6 p.m. 1 1/2 f. cross Chakla, 18 yards wide, bed muddy. At 7 p.m. 1 1/2 f. a chakla. At 8 p.m. 1 1/2 f. cross a small well to Chakla, 80 houses, 8 shops. At 9 p.m. 1 f. cross Kherapara, 12 yards wide, bed muddy, hardly here, suitable a day after heavy rain. At 10 p.m. 2 1/2 f. Kherapara, 80 houses and 1 shop. At 11 p.m. 2 1/2 f. well. At 12 p.m. 1 1/2 f. a chakla. At 10 p.m. 4 f. another chakla. Country open.
		Burdwan . . .	10 41	148 54				
		Total . . .	—	158 54				
		14 Mares.	—	—				
			—	—				

TABLE No. 50.

## FROM ASSEBURGH TO TOORUN MULL, VIA BURWAUNIE.

GENERAL DIRECTION, NW. BY W.

Articles.		Names of Stages	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Khur Division, at Dhar.								
General Officer Commanding Khur Division, at Dhar.	Agreed to the Government General for Central India, at Dhar.	Assburgh . . .	15 1	15 1	Fair good track, over black soil.	1 well and 1 tank.	—	Table No. 50.
		Burdwan . . .	10 41	25 52				
		Total . . .	—	40 53				
		14 Mares.	—	—				
			—	—				

Authorities		Miles of Stage	Distances		Road and Rail	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles Footpaths	Miles Footpaths					
General Officer Commanding Mysore Division Mysore		Brought over		78 77					
		Kanchara	5 6	83 42	As above	None in hot sun	None	26 huts no shops excepting ground and head country covered with jungle	
		Jelavada	10 4	89 14	Cart track over gravelly soil	I well and small	In small quantities	Small village on the Agni and Baniy road, 8 shops, excepting ground W of village travellers bungalow country covered with thick low jungle	
		Bagave	7 24	100 8	Cart track over natural soil	Abundant from wells and river	Abundant	211 houses, 124 shops, country shady open	
		Uyave	10 2	110 7	As above	Abundant, 80 wells	From abundant	278 houses 11 shops, country open.	
		Beravandige	10 42	120 49	Good hard cart track, country open.	Abundant wells and small	108 Abundant	288 houses 40 shops the meeting place of the Beravandige and on the Mysore and the Mysore Road excepting ground good	
		Beravandige	5 24	125 73	Cart track	On river	From abundant	288 houses 40 shops the meeting place of the Beravandige and on the Mysore and the Mysore Road excepting ground good	
		Oodla	10 42	135 15	Partly cart track, remainder for mules	Beravandige river	From abundant	Deserted village	
		Batal	18 31	153 46	Difficult cattle track	None	None	Deserted village road runs on city along the bed of the Beravandige, is very rough and the surrounding country very swampy with thick jungle	
		Lakshmi	10 42	163 88	As above	Partial river	None	Deserted village, road passes through very rough and difficult country with thick jungle	
		Torana Hill	7 01	170 89	As above	Abundant, a large lake	None	To the west of the Beravandige country and forming part of its boundary with Kanchara is the elevated plateau of Torana Hill situated at about 40 miles from the Beravandige, situated about 10 miles from the Beravandige. Two small huts can be seen of its cool climate its local hill country and its general suitability for a base. The road on the Torana Hill is the old track from Mysore (over 100 miles), and the junction of the road from Belavandige. The road can never be made possible for wheeled traffic, but a few thousand Europeans would make it fit for mules and elephants	
		Total			178 24				
		17 Marches							
Beravandige to Torana Hill via Kanchara —									
General Officer Commanding Mysore Division Mysore		As above		177 24					
		As above	9 24	186 48	Good cart track	From the river	From abundant	26 huts, supplies from Beravandige excepting ground good	
		Koodla	10 24	196 72	Cart track over gravelly soil across the river for 10 miles	As above	None	A deserted village excepting ground good and extensive country hills and jungle	
		Part of the	9 7	205 79	Good cattle track possible for mules	Plentiful wells	From	No village, excepting in bed of a wide water stream and good	
		Wade	9 7	214 86	Difficult cattle track several steep ascents and descents	From wells	None	6 huts. Country most rugged and mountainous with thick jungle, animals with light loads can travel to Koodla.	
		Torana Hill	4 73	219 59	Impossible for mules, 4 huts cattle track, steady up the bed of a stream	Abundant, a large lake			
		Total			219 59				
		17 Marches							

As far as		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stage.	Total.						
Miles.	Other.		Miles.	Other.						
General Officer Commanding Mysore Division, Bangalore.										
Agent to the Government-General for Central India.										
Barracks to Tanna Hill, via Baroda.										
To Baroda, via			10	0	10	0	Little track for light horse, but can be made improved. Deep sand to be cut.	From Baroda and from the river.	Small square fort on the hill, but no post of Mysore Khud Corps.	
Baroda ..			12	5	12	5	Little track, but can be made improved.	From the river.	From the river.	The site of a deserted village. No remaining ground.
Tanna Hill			11	11	11	11	Little track, but can be made improved.	From the river.	From the river.	The road to Tanna Hill from Baroda, and is principally a road of a mountain track, with many steep and narrow mountainous and covered with very thick jungle.
Total					16	11				
18 March 1901.										

TABLE No 51 (1)

FROM BARODA TO BHOOL, VIA PITLAUD, LIMREE, WUDWAN, HULWUD, AND KAJOORA  
FORD OF THE RUXN

GENERAL DIRECTOR, NW

Authority		Name of Stage.	Distance.				Road and Soil.	Water.	Supplies.	Remarks.
			Stage.		Total.					
Military.	Civil.		Miles.	Per stage.	Miles.	Per stage.				
General Officer Commanding Mysore Division, Bangalore.										
Agencies to the Government-General for Central India.										
Barracks to Tanna Hill, via Baroda.										
To Baroda, via			10	7	10	7	Little track for light horse, but can be made improved. Deep sand to be cut.	From Baroda and from the river.	From the river.	Small square fort on the hill, but no post of Mysore Khud Corps.
Baroda ..			12	7	12	7	Little track, but can be made improved.	From the river.	From the river.	The site of a deserted village. No remaining ground.
Tanna Hill			11	11	11	11	Little track, but can be made improved.	From the river.	From the river.	The road to Tanna Hill from Baroda, and is principally a road of a mountain track, with many steep and narrow mountainous and covered with very thick jungle.
Total					16	11				
18 March 1901.										

Antecedent		Names of Rivers	Distances		Road and Soil	Water	Vegetation	Remarks			
Military	Civil		Single						Total		
			Miles	Percentage					Miles	Percentage	
		Collector of Kashi	Brought over								
			Thapoor	9	4	31	7	Heavy sand, and between high banks and swamps	Two tanks, and water	Moderate	Swampy ground very covered by silt, trees, and swamps. From Pindia at 4 = 6 f, and through Mar a large village, with a good house and tank, at 7 = 6 f
			Warcara	10	4	31	7	Dark black soil	Tank, and water	13 sheep, no deer	215 houses, good swampy ground SW. From Marj at 3 = 3 f, Dikka at 4 = 7 f. Karpore at 7 = 8 f, and Chakla and Jarka on the left. From Marj the country is very open, covered with small trees and bushes, and well cultivated
			Bathina	7	0	38	7	Heavy sand, through swamps	Submergence river and water	Moderate	Good swampy ground SW. Open Submergence river in the north; low sandy banks. Soil good, water about 1 foot deep
			Jewara	10	8	48	21	Over black soil, very swampy in the river, sandy over part of the river.	Water very bad	Moderate	Small village, swampy ground SW, see Road. At 3 = 7 f. Vayalpur
		Collector of Alambud	Bafelo	9	4	79	0	Dark soil, and water	Tank, and water	Moderate	Good swampy ground on the river, in the dry season. Cross a part of the Little River and beds of the Bhagwa and Dand rivers which are swampy in rainy weather, but possible for carts after October. At 3 = 4 f. pass Bhagwa, wall and tank.
			Phamara	10	0	60	0	Dark soil and water	Tank and wall	Moderate	A large village, good swampy ground SW of village. At 3 = 24 f. Dandpur
			Lauras P	10	8	68	4	Sandy and heavy soil, some parts, between the river and the	Tank and water	Abundant	A fortified, and wall built town, on the E bank of the Bhagwa river; Post office, an swampy ground to the S, confined. Soil of river sandy
			Wadras P	14	8	112	7	Good very good, over a fine plain and hard soil	Bhagwa river, tank, and water	Swampy	A walled town, the Railway station, houses, Pindia houses, Post office and travellers inn below about 4 miles to the west, good swampy ground on the Bhagwa river which runs to the north. At 4 = 6 f. Achewalla, to the right. At 5 = 6 f. Boma
			Boma	13	5	125	4	Good good, some parts, overland, and sandy	Large tank, and water	Abundant	A small village on the left bank of the Bhagwa river. Good swampy ground to the SW or SE of the village. Cross the Bhagwa river just under the walls of the town of Wadras. Very low sandy soil. From the village of Bafelo, Bopora, and Lodiana
		Political Agent in Kachin at Rajahmundry	Bopora	13	4	138	0	Good good, better part, a little sandy	Abundant, from tank, and water	Moderate	A large well built village on the Pindia river. Good swampy ground near the tank. From Boma, Bopora, and Lodiana. Country from Boma through grass and low jungle
			Dandpur	9	8	147	8	Dark soil	Tullu river, tank, and water	Moderate	A small village. Good swampy ground SE. At 4 = 7 f. across Tullu river, and at 5 = 6 f. across a ridge. Country open very little cultivation except near village
			Bafelo	8	8	155	8	Good soil, dark, black soil	Good, from 4 walls and a large tank to the SW, on swampy dry in April	Abundant	2,000 houses, walled town, swampy ground W, near tank, low and damp. Country as above
			To Marj	108	7						Table Table No 3 (2)
			Total			368	5				
		34 Marches									

Note.—The Route from the Submergence to Lauras is only practicable in dry weather, between June and November the line table No 11 (2) should be taken.

FROM BARODA TO BHOOJ, VIA PITLAUD AND DHOLKA.

[illegible]

There are three B's in the letters in the first column of the Little Losses, the letter B's in the middle column have been given [Table to 12 (1)], between Brown and Patrick, and also from Glasgow to the C's copy to the B's of 1st Nov.

TABLE No. 52.

## FROM BARODA TO CAMBAY, VIA OMETA.

GENERAL DIRECTION, W.

GENERAL DIRECTION, VI.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Northern Division, Ahmedabad.	Collector at Kalra.	From Churab, Baroda Cantonment, to Ometi.	10	7½	Road good; red and sandy soil, but heavy in parts; much enclosed, until within a few miles of Cambay.	Myhee river; 3 wells.	Moderate.....	600 houses, on the W. bank of the Myhee; confined encamping ground—the best is 5 f. W., on rising ground near a tank. At 2 m. 4 f. pass Goowra, 800 houses. At 5 m. 5 f. Akira, 100 houses. At 7 m. 6½ f. Sarkar, 150 houses, and cross the Mowsee river, 200 yards broad. At 9 m. 5½ f. Bindrois; 200 houses. Between Bindrois and Ometa cross the Myhee river, 900 yards broad, by a ferry or by a deep ford from January to June; very muddy, and difficult for carts.
	Resident at Baroda.	Radroon .....	11	0		Tank, and wells...	6 shops ...	400 houses; no good encamping ground until the grain is out. At 8 m. 4 f. Nowkul, 80 houses, 1 shop. At 5 m. 6½ f. Kinechlore, 150 houses, 2 shops. At 7 m. 0 f. Peeples, 150 houses, 2 shops. Country open, and cultivated; water abundant, and good.
	Collector at Kalra.	Wutadra, or Wal-loedra.	10	6½		Ditto .....	10 shops .....	250 houses; no good encamping ground until the grain is out. At 3 m. 4½ f. Jarola, 200 houses, 0 shops. At 5 m. 2½ f. Saidpoor, 175 houses, 4 shops. At 8 m. 5½ f. Juntal, 200 houses, 3 shops. Country as before.
		Cambay Factory.... R.P.	0	2½		Abundant, from wells and tanks.	Abundant ...	5,000 houses; good ground for encamping near the factory, on the beach; water to be had at a tank outside, near the Booboolanee, or to the west near the English burial-ground. At 1 m. 5 f. Kailal, 125 houses, 3 shops. At 4 m. Omal, 200 houses. At 8 m. 4 f. the Gowara Gate of Cambay, whence the road winds through the town to the old British factory, used as a travellers' bungalow.
		Total.....	...	48		0½		
		4 Marches.						

TABLE No. 53.

## FROM BARODA TO DHOLIA, BY BROACH, SEWAUN, SONGURH, AND KONDABAREE GHAUT.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.		Stage.	Total.					
			Miles. Furlongs.	Miles. Furlongs.					
General Officer Commanding. 1st Western District. Ahmedabad.	Collector of Broach.	Baroda Cantonment to Broach Commwals .....	... ..	50 0½	.....  Heavy as far as Unkhasir, the remainder good.	.....  One fine walled tank, with water all the year round.	.....  None, but pro- curable from villages in the neigh- bourhood.	Vide Table No. 4. (1)  150 houses; good encamping ground on the E. side near the tanks. A good dhurumala, country level, and highly cultivated. Leaving Broach, cross the Netbuda river by platform and other boats which are always procurable. At about 4 m. pass the large village of Unkhasir, with good supplies, water, and forage. Post office, and Railway Station at Unkhasir.	
	Collector of Barat.	.....	8 6½	58 7					
			Carried over.....	... ..					58 7

[illegible]



Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
Names of Stages.		Stage.		Total.					
		Miles.	Furlongs.						
Military.	Civil.			Miles.	Furlongs.				
Brought over...		...	...	148	7 1/2				
	Esaurwarre .....	11	4	161	8 1/2	Cleared road through jungle, with ascents and descents, and ravines.	Surpin river .....	Bazaar; 4 shops.	A small village; good encamping ground, surrounded by thick jungle. A small fort, of about 70 yards square, 2 m. S. of the village, on a rising ground; walls strong, and a tower at each angle. A stream of good water runs below the fort, and empties itself into the Tapi. The country around is cultivated, and open. The road the last stage across a plain, cultivated in parts, and with large trees all the way. Hills to the S. parallel to the river at several miles distance. Cross Raygun river at 4 m. from Nowpocoon, 67 yards broad, bed sandy; breadth of stream 18 yards in dry weather. At 8 m. 3 f. pass a large banyan tree, bungalow, and well in the jungle; a cleared road to Nundorber branches off to the right before reaching Esaurwarre.
	Dhywal .....	17	0	178	3 1/2	Cleared road, good near Dhywal, the remainder through jungle, with ascents and descents, and ravines.	Abundant .....	Abundant; market.	Good encamping ground N. of the village, which is large. At 6 m. from Esaurwarre pass Tegha Khan's Serai, a Mussulman building at the entrance of the pass. Country around pretty open for some hundred yards. A few Bheel huts on the brow of the hill to the S.; good encamping ground but no supplies. At about 8 m. from Esaurwarre the ascent of the Konde-harne Ghant commences; it is steep and rugged, but passable for carts, and not difficult. From the serai to the ghant there is continued thick jungle, which reaches nearly half way up the hills on each side. Leaving Esaurwarre, for the first two or three miles a small but fine stream runs parallel to the route. The ascent of the ghant continues for about 8 m. In this march pass the village of Borkurnja, and cross the Bhishun river nine times, one foot deep, bed stony, banks difficult, 23 yards broad. Cross Surpin river near Esaurwarre, banks difficult; gravelly bed.
	Sakree .....	11	5	190	0 1/2	Cleared cart road .....	Khan river .....	8 shops, abundant; market on Tuesdays.	A large village to the N. of the Khan river, encamp W. At 1 m. 4 f. pass Bondgaum; at 4 m. 1 f. Gorda, and cleared road to Malligam branches off to the right; at 6 m. 6 f. Pukoon; at 8 m. Dusta or Austa; at 9 m. 3 f. Kowta.
	Nair P. ....	15	1	205	1 1/2	Ditto .....	Panjur river .....	Abundant; 16 shops; market on Thursdays.	A large village on the S. bank of the Panjur river; encamp W. and N. At 3 m. 6 f. pass Shawalla. At 11 m. 5 f. Akullpara. At 14 m. 6 f. cross the Panjur river, banks easy, bed sandy.
	Kheir .....	8	5	213	0 1/2	Ditto .....	Ditto .....	7 shops; abundant; market on Fridays.	A large village, on the Panjur river; good encamping ground to the W. At 3 m. 8 f. pass Akir; at 3 m. 7 f. Mohra; at 6 m. Kooomb. Thin jungle along the road.
	Dhoolka .....	8	4	...	...	Ditto .....	Ditto .....	Abundant .....	A civil station with Post and Telegraph office and travellers' bungalow. A good deal of jungle on this road. At 3 m. 4 f. pass Manmora; at 3 m. 0 f. Kooomb; at 5 m. 6 f. Nhorooma; at 7 m. 5 f. Malla.
	B. P. T. ....	...	...	...	...				
	Total .....	...	...	223	2 1/2				
19 Marches.									

General Officer Commanding Poona Division, Poona.

Collector of Khandish, at Dholak.

TABLE No. 54.

## FROM BARODA TO HURBOLD, BY COMBEIT, DAKORN, AND KUPPERWURK

GENERAL DIRECTION A

Authority	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
Miles	Order	Miles	Miles				
General Office, Combeit, North India, on the 1st of March, 1881.	Baroda, Combeit, Charkh to Baroda.	7 0	7 0	Good, but sandy cart road, covered by hedges.	5 wells, and 1000 feet, from a tank.	Moderate, 8 at op.	400 houses; country ground high but covered, to the T, and a large tank. At 8 m 1/2 of the large village with a small village. Country level, and cultivated with rice.
	Charkh to Baroda.	8 0	15 0	Not far from the river, but the river is covered by a small tank.	1000 feet, from the river, but the river is covered by a small tank.	Scarcely 4 at op.	1000 houses on the W bank of the river; country ground high but covered, to the T, and a large tank. At 11 m 1/2 of the large village with a small village. At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Baroda to Charkh.	12 1	27 1	Not far from the river, but the river is covered by a small tank.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Charkh to Baroda.	12 1	40 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Baroda to Charkh.	12 1	52 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Charkh to Baroda.	12 1	64 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Baroda to Charkh.	12 1	76 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Charkh to Baroda.	12 1	88 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Baroda to Charkh.	12 1	100 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.
	Charkh to Baroda.	12 1	112 1	Good, but sandy cart road, covered by hedges.	Good, but sandy cart road, covered by hedges.	Abundant	A large house, with a large tank. At 11 m 1/2 of the large village (Charkh). At 12 m 1/2 of the large village, 100 houses to the left on the river, with a tank. At 13 m 1/2 of the river, some deep water. Country level, but cultivated.

TABLE No. 55.

FROM BARODA TO JOONAGURH, BY PITLAUD, DUNDOOKA, JHUSDUN,  
GOUNDUL, AND JAITPOOR.

GENERAL DIRECTION, SW. BY W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stages.	Total.				
Military.	Civil.		Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Northern Division, Ahmedabad.		Canionment at Baroda to Wurserra.	..	51 7½	.....	.....	.....	Vide Table No. 51. (1)
		Burna Booroo .....	13 0	63 7½	Generally good, but over swampy ground to Gullians.	Abundant from Sabarmattee river, ½ m. to the S.; walls bad.	Abundant	Large village. At Gullians, 4 m. 4 f. from Wurserra, cross the Sabarmattee river, and continue along its right bank to Burna Booroo. Ford good, low sandy banks; water about knee-deep. The inlets between the river and village would be very troublesome in the rains. Country open, and in some places well cultivated.
		Pitochum .....	12 4	75 3½	Road much as before, soil a brown clay.	A tank, nearly dry in March, muddy and brackish; 2 small wells of good water about a mile from the village.	Limited	A middling village, with good encompassing ground near the tank. At 1 m. 2 f. Choda Booroo. At 4 m. 2 f. Bolad or Wulad. At 6 m. 4 f. cross Bhogawa river. At 7 m. 4 f. Dammala. At 8 m., and again at 10 m., cross the Bhadar river. This marsh, from Bolad, lies across the Little Rann, a plain of brown clay, running from NW. to SE., and terminating near the Gulf of Cambay, whence it is slightly affected by the tide, which makes the centre (being low) inconvenient for laden cattle and carts. During the rains, and for a short time after, the whole marsh is very deep in mud, being flooded by the overflowing of the Bhogawa and Gogawa rivers, together with the influx of the sea. Within the whole tract from Luktar to Bhownaggar the villages are built on outcroppings, and in the monsoon appear like islands. In the hot season there is great scarcity of water between Booroo and Dundooka.
		Dundooka P. ....	14 0	90 3½	Road as before; country quite flat, near Kusla a bad swamp, which causes the cart-road to wind by Kundooloo; brown clay soil towards the end of the stage.	Large tank of in. different water; good wells to the right one mile, near some trees, and brackish, from the Bhadar river.	Abundant	A small town, capital of a parganna, on the right bank of the Bhadar river, where there is good encompassing ground, Post office. Pass villages of Kundooloo and Raika on the right and Kusla and Wajla on the left. Scarcely a bush to be seen between Pitochum and Kusla.
		Nagrees .....	14 7	106 2½	Road good .....	Bhinar river .....	Abundant	A small town and stone fort, in good repair, on the left bank of the Bhadar, which is a large river here, with little water in November; banks generally low and easy; bed gravelly. Pass villages of Kotam, Godejar (small), and Wagar (large), on the Bhadar river, and Putna on the left; and Rajpore, Chasima, Moorchia, and Pwla on the right. Country open, and well cultivated.
		Oomvalla .....	9 0	115 0½	Road good; occasionally a rising ground, and to the left a few inlets from the river; soil sometimes rocky, with brown clay.	Goma river .....	Scanty; two shops.	A small village, on the right bank of the Goma. Cross the Bhinar river, which winds much, and is generally about a mile from the road. The Goma joins it a little below the fort of Rajpore, and is also a large river; banks low, bed gravelly, and very winding. Pass town of Rajpore at 3 m. 4 f. and Rajpore, on the left, and Asulpore, Khajapoor, and Allupore, on the right. Country well cultivated as far as Rajpore.
Collector at Ahmedabad.		Carried over ..	..	115 0½				
General Officer Commanding Northern Division, Ahmedabad.		Political Agent in Kathiwar at Rajkot.						
		Collector at Ahmedabad.						

C. Central Office Commanding Northern Division Alameda.

No.	Location.	Distance				Road and Road.	Water	Supplies	Remarks.				
		Stages		Total									
		Miles	Stages	Miles	Stages								
Day	C. M.												
		Brought over		114 0									
		Talled (Borra)	5 7	180 7		Road good and brown with some rock and stones	Wall and running stream	Limited	Almost in view on the Ganga river. Two villages of Borra. Country open and covered with small scrubby bushes. From Borra there are two hills to the left of the road.				
		Red cor.	18 8	198 5		Road generally hard and good country generally open and level with little undulations; some parts are hilly			At 4 m. pass Borra; a stage of hills E. of it. Dobra fort is surrounded by high hills.				
		Ji wala	12 8	110 4		Ditto	Shallow river	Abundant	A town on a branch of the Bhadar river, across on E. side. About 100 yards, near Ji wala, there are two hills on right and left. About 8 m. off pass Tawar and Gaudan. Country open and cultivated.				
		Derroo	10 0	120 4		Ditto	Shallow river and some wells.		A village on the Bhadar river. At 4 m. S. of Adhwa, on the Bhadar, an open w. At 7 m. S. of the Bhadar, an open w. In Harwan, 70 yards wide, and deep water.				
		Ramdeo	8 0	128 4		Ditto	Hills and wells	None	At 4 m. S. of the Karamla river to Pauri, 50 yards wide. At 6 m. S. of Pauri, 50 yards wide. On a S. to Ramdeo.				
		Gaudan P.	8 0	136 4		Ditto	Gaudan river	Abundant	A large walled town on the Gaudan river, which is crossed at 4; Pauri office.				
		Tawar	11 8	148 2		Ditto	Wells	Abundant	A walled town, country open and partly well watered. I have observed in this and the Jowar is ditched. At 1 m. S. of road a well and pass a mountain. At 8 m. S. of Gaudan a small village. On a S. side between it and the mountain. Green water well to Tawar.				
		Indrapur P.	8 4	156 6		Ditto	Shallow river	Abundant	A walled town and fort on the Bhadar river. Pauri office. Green (to Pauri) road, which joins it. On a S. side, country is open. At 8 m. S. of W. side, a small village. At 8 m. S. of Pauri, also small.				
		Jasbe	12 0	168 6		Ditto							
		Jaswar P.	8 0			Ditto	Abundant	Abundant	A town and fort, surrounded by an independent of Fort office.				
		Total		174 11									
		30 Larries.											

17 — From the Subaltern to Dandak (the hills are very low and the water is always good). From Dandak the country is generally well watered by streams which however mostly dry up towards the end of the hot season. Between the Subaltern and Dandak there are two Bhamas or markets very busy at certain times. The passage of the Subaltern to Dandak, the ford being narrow, with deep water on each side of it.

TABLE No 56

FROM BARODA TO JOORIA BUNDER, VIA PITLAUD, LIMBEE, AND WANKANERE  
GENERAL DIRECTION W 27 N

Authorities		Names of Stages	Distance.		Road and Soil	Water	Supplies	REMARKS.
Military	Civil		Stage	Total				
			Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division Ahmedabad.	Political Agent to Resident at Rajkot.	Chowkeshwar of Baroda to Limbree.		89 4	Road excellent in dry weather. Ditto Ditto	Abundant from Bhagnari river. Ditto from large tank. Wells and wells	Proximate Moderate Ditto 3 sheep	Pala Table No. 51 (1)  148 houses good occupy up ground on bank of the river At 5 m. Bar, 60 houses A small walled town with bazaar Post office good occupy up ground. 120 houses occupying ground enclosed. At 5 m. 4 / cross the main road to Rajkot At 6 m. 4 / Rajkot, 25 houses At 7 m. cross Bhagnari river At 8 m. 3 / cross a large well. Pala Table No. 11 (2)
		Ward	13 0	113 4				
		Makha P	18 0	131 4				
		Chowkeshwar	11 8	143 4				
		To Jaura	73 6					
		Total 80 Marches		202 8				

TABLE No 57

FROM BARODA TO MAILIGAUM, BY BROACH, SEWAUN, SONGURH, AND  
KONDABAREE GHAT.

GENERAL DIRECTION 22

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division, Poona.	Collector of Kheda, at Broach.	Baroda to Broach by Royal	130 8	80 0	Good cleared road	The Pagar river abundant between these villages water also abundant from an aqueduct passing through Malpore	Proximate Ditto Ditto Ditto Ditto Ditto	Pala Table No 4 (1) Pala Table No 52 200 well built houses on the south bank of the Pagar river occupy 400 yards NW At 1 m 4 / pass Broach At 4 m. 1 / Gov and the cleared road to Broach branches off to the left Road leads along the Pagar river which is crossed near Gorda a small stream with rocky bed From Gorda the country becomes rocky then through hills and finally among fields 80 houses occupy NW Country at first open and cultivated. At 6 m the road winds round a hill whence is an unimproved place covered with thick brushwood Two small villages on the right and left bank of the Muzra river At 8 m the second of Broach's ghats encountered At 9 m the top At 10 m Gorda At 11 m a small dam At 12 m Khelavada and near the Muzra river to Wankanere in the route the river is deep and rapid A detachment of Native troops on the Muzra river Travellers bungalow Post and Tele graph office At 5 m pass Ajay Desai try to get on a horse with this jungle
		Kamra-Malpur	11 0	178 8				
		Malpur	9 0	188 8				
	Collector at Malpur.	Wankanere and Khelavada	17 8	205 6	Ditto	Proximate		
		Malpurgam near D T T	11 4	216 0	Ditto	Ditto		
		Total 10 Marches.		228 8				

TABLE No. 58 (1)

FROM BARODA TO MHOW, BY GODRA, DOHUD, JABOOA, BHOPAWUR, AMJHERA, AND DHAR.

OFFICIAL DESCRIPTION, L. N. B.

Vehicles		Names of Rivers	Distances		Road and Soil	Water	Supplies	REMARKS		
			Stage	Total						
3 drivers	Cart		Miles	Per stage						
General Officer Commanding, N. India Division, Amjhera.	Political Agent, Bharu Kunda, & Baroda	Baroda to Godra	14	0	14	0	The first 10 m fine and good over a hard plain, then narrow, on heavy, over black soil	bank 5 ft (or 20 steps) mostly, 1 good and 2 bad to the W.	100 houses. At 8 m. Karamder, 100 houses (road, and wall). Country level, and just cultivated, with low jungle	
		Godra to Dohud	9	1	23	41	Narrow, and in some parts shallow and heavy with deep ruts	good well and 8 steps to the W.	1000 houses. At 1 m. 4/1 of cross 1 commencing river, high banks, and very fine. At 2 m. Pabla, 80 houses. At 3 m. 1/1 of Karamder, 100 houses. Country a level plain.	
		Dohud to Jabooa	7	1	30	51	Good, but narrow in parts, and though a very narrow cutting at the Kher river	Abundant, from numerous wells, and Goom river to the W.	1000 houses. Last office, (Karamder) At 3 m. 7/1 of Karamder, a few houses. At 3 m. cross Kher river, banks steep, and some places in possible for trees in the river.	
		Jabooa to Bhopawur	9	1	39	7	Generally good, but in some places heavy and deep ruts	Wells of good water, and pits in the Goom river, 3 inches for night water	Abundant. 2000 houses; a well (over road) cut on a branch of the Goom river; some at 1 m. 1/1 of Karamder, 100 houses. 10 steps (bank and well). At 4 m. 2/1 of Kher river, 10 houses. At 5 m. Karamder 1700 houses. Water and supplies plenty	
		Bhopawur to Amjhera	7	3	47	3	Good and (good except) 1/1 river water through jungle, soil sandy	Abundant, from wells and tanks for night water	Abundant, also some 2 carriages	
		Amjhera to Dhar	18	7	66	1				(See Table No. 11 (1))
		Total 21 Mails			66	1				

TABLE No. 58. (2)

FROM BARODA TO MHOW, BY DUBHOSE, CHOTA OODDEPOOR, KOOKSEE, AND BHOPAWUR.

OFFICIAL DESCRIPTION, L. N. B.

No. of Vehicles	Names of Rivers	Distances			Road and Soil	Water	Supplies	REMARKS
		Stage	Total					
			Miles	Per stage				
General Officer Commanding, N. India Division, Amjhera.	Baroda to Dubhose	14 0		14 0				(See Table No. 20)
	Dubhose to Chota Ooddepur	13 0		27 0	Very good, over a hard plain, with a few small pools in the river	From pools in the river		A poor village, with an old fort on a hill over it, 2 or 3 m. to the S. near the road, and some cultivated rice. At 3 m. 1/1 of Kher river, at 7 m. Karamder, some 100 houses. Cross the Karamder river close to 3 m. of the road. Country level and sandy, and much infested by Hares.
	Chota Ooddepur to Kooksee	14 0		41 0				

Authenticity		Names of Stages	Distance		Road and Soil.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles. Parabha	Miles. Parabha				
General Office Concerning Minor Divisions, Mhow								
Agenda to the Government General for Central India to Indore		Brought over		187 8				
		Boroo	18 7	169 8	Winding and rugged, but possible for carts	Abundant wells	from Abundant	A large village. At 4 m 14 f. Gungoon, 40 houses. At 8 m 4 f. Karamdhar 20 houses, both on the left. At 10 m. Chandra, 10 huts. At 11 m 7 f. Chandra, 8 huts on left. Cross Chandra valley. From Karamdhar to Chandra the road winds between hills.
		Tah. P.	18 6	186 7	Possible for carts, the hills glacial good and clear	Wells	3 steps	20 houses. At 8 m 1 f. Karamdhar 100 houses. At 8 m. 1 f. Chandra and Karamdhar, small hamlets. Road then for through a partially cultivated valley with scattered huts. At 10 m. 8 f. crosses the Tira glacial, with gradual ascent to 18 m; thence along a ridge covered with jungle for 14 m. Cross slopes valley.
		Mhow	80 7 1/2					See Table No 14. (1)
		Total		338 5 1/2				
		22 Marches						
Between Kankasa and Bhagpur there is a shorter line than that above given, but it is impracticable for carts, as follows:—								
Agenda to the Government General for Central India to Indore		Thanda (connected to Buz, as above)		187 8				
		Thanda	18 8	169 8	Rugged and steep road over rocky hills, covered with jungle, not possible for carts	Scanty, no wells in a mile	from Kankasa	A small village and a fort in good repair, good surrounding ground 8 f. 8. Five small small hamlets on right and left of the road.
		Bhagpur	28 8	198 0	The Thanda glacial very steep and rugged, and not possible for carts	Abundant	Abundant	At 2 m 3 f. from Thanda across a bad saddle. At 3 m 7 f. Anandpur a few houses. About midway across the Thanda glacial. At 8 m 7 f. Bhagpur, a large village.
		Mhow	80 8 1/2					See Table No 14. (1)
		Total		318 8 1/2				
		21 Marches						

Notes.—From Chota Chikpaw to Bhagpur neither carts nor bullocks are to be procured, and no provisions save grain and milk. During the hot season the water is generally scarce, and bad. The jungle is extensive, and unhealthy after the rains. The villages are poor and small and the inhabitants (Kachh) generally unwilling to lend assistance. For all these reasons the route by Goda and Dohad (Table No. 54 (1)) is to be preferred.

TABLE No 58 (3)

FROM BARODA TO MHOW, BY DUBHOEE, CHOTA OODNEPOOR, KOOKSHEE, KUUL,  
ON THE NERBUDDA, AND KILNER'S GHAT.

GENERAL DIRECTION E. to S.

Railway		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
Station	Code		Stage						Total	
			Miles	Perchages					Miles	Perchages
General Office Commanding Mhow Division Mhow		From Contonment, Chokul Baruch, to Chokunpoore			167	0			File Table No 30	
		From Khat	7	3	174	1	Good country with abundant trees and black	Desert	A large village with Chokunpoore on the north bank of the Nerbudda river. At 3 m. 41 f. Lantia, 6 houses	
		From B	13	21	187	41	Good roads and open country	Shells and water	80 sheep	100 houses and travellers' bungalows, good occupying ground. At 3 m. 8 f. past station and wall, and the old road from Alampur, goes on right. At 5 m. 8 f. enters the Nerbudda valley (bridge) At 3 m. 7 f. Chokunpoore 100 houses, 7 sheep, and 8 wells. At 4 m. 7 f. Chokunpoore 80 houses and 8 sheep. At 5 m. 2 f. cross Nerbudda valley (pass) 25 yards wide. At 5 m. 4 f. Daboo 8 houses and a well. At 5 m. 4 f. Chokunpoore and wall. At 5 m. 2 f. Chokunpoore 100 houses, 10 wells. At 5 m. 8 f. road to Chokunpoore on left, and cross the Nerbudda river 120 yards wide, and steep, 400 ft. to the north
		From B	13	5	200	14	Good up to road, country hilly and jungle	Desert	80 sheep	100 houses and travellers' bungalows, a well and station. At 1 m. cross Nerbudda river. At 4 m. 2 f. west of Mhowpur guest house, narrow. At 5 m. 1 f. top of pass. At 5 m. 1 f. cross Alampur river. At 8 m. 7 f. foot of Chokul or Khat's pass. At 9 m. 6 f. top of pass, very. Country hilly and jungle
		From Contonment, Chokul B P T	13	8			Good up to road, open country	Abundant	At low level	Large settlement, land quarters of the Mhow Division, travellers' bungalows, Post and Telegraph Office. At 5 m. 8 f. Nerbudda. At 10 m. 0 f. Patta and cross the Chokunpoore river to camp
		Total				216	74			
		20 Mhow								



TABLE No 59 (1)

FROM BARODA TO NEEMUOLI, VIA GODRA, DOHUD, PITLAWUD, RUTLAN, JOWBA, AND MUNDESBOR.

GENERAL DIRECTION, N E to S

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Miles	Furlongs				
General Officer Commanding Mysore Division, A Bangalore	On R	Godra Cantonment March to Gaira To Dehrad	47	8				Feet Table No 54. (1)
		8 p.m.	11	6	First 6 m. level, fine and level, the rest very heavy rain	A tank for ten months, and a large well, water abundant	Making but scarcely	Feet Table No 14. (1)
General Officer Commanding Mysore Division, Mysore	On R	Agrol	13	7 1/2	Heavy and rugged with deep ruts and risky soil, better after crossing the river	well, plentiful and good	shop forgo plentiful	30 huts. At 3 m. Khad, 18 huts, water plain valley from Aana river. At 4 m. 3 f. across it, banks steep, descent easy, road runs for 800 yards in the bed, of loose stones and sand and then up the right bank, by a steep cutting. At 4 m. 7 f. Dadyo 30 huts. At 5 m. 4 f. Indargur, 30 huts. Country as before, becomes open at Agrol.
		Seorgur	8	0	Tolerable cart road, first 2 m. rocky, and improved by a ditch occasionally heavy, and narrow in parts	large wells, and 3 pools in the Bharat river	the age plant- ful	100 houses, and a fort, occupying a place between it and land. At 2 m. 3 f. Gawada 30 huts. At 3 m. 4 f. across the Dahan river small, with stony bed, and low banks. Country open and cultivated.
		Pitlawud	13	7 1/2	Tolerable cart-road, excepting the second of the ground	large and 10 small wells, and river	Abundant	500 houses, and 2 Charnukas, occupying the N. facing hills. At 2 m. 4 f. above the Bharat river a little water after the rain. At 4 m. 4 f. Worena, 17 huts. At 6 m. commences ascent to a tableland by a glacier up a back the road runs for 4 f., ascent easy, but rough, with rain and large stones, a well at the foot. At 8 m. 2 f. Gony 17 huts. At 11 m. 8 f. Kora, 18 huts. Country between Worena and Gony jungle, then open and cultivated.
		Seorgur	8	7	Good broad cart road.	Scarcely, from small wells	110 shops	224 houses, and a small round fort. At 2 m. 4 f. Kordawad, 200 houses, 12 shops. At 3 m. 7 f. Poon Borla, 16 huts. At 5 m. 8 f. Tawara, 25 huts. At 6 m. 3 f. across the Lathia river, 30 yards broad, had rocky, banks low. At 7 m. 1 f. Boka, 18 huts. Country very undulating, and raised into ridges and knolls.
		Chayra	8	0	The first 5 m. narrow, with occasional ruts, but tolerably good, the rest very heavy, narrow, and rocky	From the Mysore river	one, Scarcely plentiful first rough levelled	30 huts, on the Mysore river. At 1 m. 5 f. Madra, 40 huts. At 5 m. 3 f. Garavada, 25 huts. Country hilly.
		Current over						



Authorities		Season of Report	Distance		Road and Trail	Water	Supplies	REMARKS		
Military	Civil		Stages						Total	
			Miles.	Parcels.					Miles.	Parcels.
General Officer Commanding Madras Division, Madras		Brought forward			21 8					
		Mandavara R P 1	10	14		22 6	Made road	Abundant	Abundant	A large walled town partly built on an island in the River or Ravana river, a large park or circus ground for 200 men, travellers' bungalow low, Telegraph and Post Office occupying ground to the N near Ravana. At 2 m. 4 f. a showline. At 2 m. 4 f. another showline. At 4 m. 2 f. Patalgarh on the right bank of the Ravana river. 800 feet wide, banks low, bed nearly, fordable a day after heavy rain. At 4 m. 7 f. high and well. At 5 m. 6 f. Khana 1/ on right. At 5 m. 7 f. showline. At 5 m. 7 f. the queen's bungalow. At 5 m. 7 f. a short descent of 100 yards. At 5 m. 7 f. Chakra disappears on the left. At 5 m. 4 f. Tada on left and across the River river (bridge)
		Parat Patal	10	8		22 14	Little	3 wells	None	80 houses, Rajaputra bungalow, occupying ground to the NW. At 1 m. 4 f. small temple on a hill. At 2 m. 3 f. a showline. At 2 m. 3 f. Boudra, Khana, a few huts and showline. At 4 m. 4 f. a showline. At 5 m. 4 f. a showline and village of Boudra, 2 f. on left. At 5 m. 4 f. a showline. At 7 m. 1 f. Boudra, 100 houses, 10 shops, well, and a showline. At 8 m. 14 f. Khakra, 8 f. on right. At 8 m. 4 f. show line. At 10 m. 14 f. Boudra, 2 f. on the left
		Chakko	10	8		22 4	Made road, and across country open	Ravana river and 3 wells		75 houses, Rajaputra bungalow, occupying ground to the N. At 1 m. 3 f. an easy descent of 200 yards. At 1 m. 3 f. Khana, Khana, a few huts. At 2 m. 4 f. Boudra, 75 houses, 2 shops. At 4 m. 4 f. Boudra, 80 houses. At 4 m. 7 f. a showline. At 5 m. 7 f. Boudra, 2 f. on left. At 5 m. 14 f. Patalgarh a large village surrounded by a high wall in bad repair, a small bungalow, travellers' bungalow, 15 Madras Cavalry Boudra stationed here. At 5 m. 4 f. Boudra, 20 houses. At 10 m. across the Ravana river to Chakko
		Sevach R P 2	11	7			Little	Abundant	Abundant	A military encampment, travellers' bungalow, occupying ground to the W of the fortified square. At 4 f. a showline. At 1 m. 3 f. a showline. At 1 m. 3 f. across Khana, 2 f. on left. At 2 m. 4 f. Khakra, 2 f. on left. At 2 m. 4 f. showline. At 5 m. 7 f. Boudra, 80 houses and a showline. At 5 m. 7 f. Boudra, 80 houses, 20 shops. At 5 m. 7 f. Boudra, 90 houses. At 10 m. 4 f. showline near the Chakra camp
		Total				207	3			
		30 Kachas								

NOTE.—Fala Rava from Boudra to Boudra was surveyed, in 1905, by Lieutenant Haly, of the Quartermaster General's Department, who reports that "it requires little more than filling up the ruts, clearing away loose stones, and widening and improving the approaches to rivers, to be a very good and real road," adding, "altogether the Rava presents great facilities, particularly through the Gulfwar's territories, and on to Boudra (Madras) where nearly the whole line of country is highly cultivated, with water in abundance, and populous villages along or within a short distance of the road. Through the Boudra and Jelous territories, though there is more jungle, yet the hilly places are within easy distances of each other, and water plentiful. The Boudra and Jelous, who are the chief inhabitants, are beginning to pay more attention to cultivation, and, if properly treated, are willing to afford every assistance to travellers." From Boudra the road is high, open, and good.

TABLE No 49 (2)

FROM BARODA TO NEMUCH, BY OOMBREIT, BALASINORE, BEEHPUR,  
BANSWARA, AND PURTABGURH.

CHINA DEPARTMENT OF STATE

[illegible]

Note - This is a summary of the letter of 9/10/68 and of Ch. 10. Date in December 1970, after it was found that the group had been active in the past.

TABLE No 60.

FROM BARODA TO NUSSEHRABAD, BY BEERPOOR, KHAIRWARA, AND OODERPOOR.

GENERAL DESCRIPTION, 1881

Authority.		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS		
			Stages	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Southern Division, Ahmedabad	Political Agent Malabar Kanva at Baroda.	Baroda to Gomati			27	4		746 Table No. 54		
		To Beerpoor	44	0	71	4		746 Table No. 55 (7)		
		Malpoor	14	0	23	4	Tolerable cart-road, through sandy soil and occasionally washed by jungle the Ambe, Bar Ghazi river, and covered with low stones	Abundant, from 8 large wells, and a tank.	Sandy, three sleeps	A walled village of 250 houses, under a jolly hill to the W. eastward NW, near a well, ground washed by jungle. At 2 m. 1 1/2 pass Baroda, 20 houses. At 2 m. 4/5 Khairwar 20 houses. At 3 m. 1/2 Ooderpoor, 20 houses. At 4 m. 3/4 Khairwar, 20 houses. At 5 m. road passes through the Arbia. Bar Ghazi or Khairwar for 200 yards. At 6 m. Valadar, 20 houses. At 10 m. 3/4 Baroda 20 houses. At 11 m. 3/4 across the Watral river looks high, but here stones 100 yards broad stream shallow. Here the Kara Collection is passed. At 11 m. 3/4 Beerpoor, 20 houses. From villages have all one or more good wells, but no supplies. Country generally sandy, with occasional cultivation.
		Kaira	10	7 1/2	28	3 1/2	Good hard cart-road, through sandy soil	10 wells of good water, and a house and small tank.	Sandy, one sleep.	20 houses, crossing RN. At 8 m. pass by seven Pura and Beerpoor, 15 and 20 houses. At 4 m. 4/5 Beerpoor, 20 houses. At 2 m. 1/2 Tanthana, 10 houses. At 3 m. 1/2 Beerpoor 20 houses. At 5 m. 3/4 Valadar 20 houses. At 10 m. 3/4 across a small river. Country generally sandy with numerous forest trees.
		Nusheerabad	8	6	100	11	Good cart-road, but part heavy in sand and confined by jungle	Mayura river 20 wells in the village, and 8 outside	Abundant, 200000 houses, on the Mayura river at the foot of some hills, crossing in fields to the N. At 1 m. 4/5 across Kaira river, dry, with low banks, and sandy bed. At 2 m. 3/4 Kairwar, 20 houses. At 3 m. 1/2 the walled town of Marana, on the Mayura river, supplies and water abundant, and good surrounding ground N and SE. Over the river here by an easy ford bed gravelly, about 200 yards broad. At 6 m. 5/5 Pura, near, 25 houses. At 6 m. 4/5 Kairwar, 20 houses. Country cultivated, with some jungle.	
		To Ooderpoor	28	6	228	7 1/2			746 Table No. 14. (1)	
		To Nussehrabad	146	4 1/2					746 Table No. 16. (1)	
		Total			247	4 1/2				
		21 March.								

TABLE No. 59 (2)

## FROM BARODA TO NEEVUCH, BY OOMREIT, BALASINORE, BHERPOOR, BANSWARA, AND PURTABGURH.

GENERAL DIRECTIONS, ND 1914

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stage	Total						
			Miles	Percentage						
General Officer Commanding Northern Division, Ahmedabad	Collector of Narsar	Baroda Cantonment Church to Oomreit	27	4				File Table No 51		
		Baroda Cantonment Church to Oomreit	8	4	87	0	Very heavy, sandy road; a narrow rut runs over Jyo Kanta, and latively very narrow	Abundant, from tanks and wells	Abundant	A small town with Fort and surrounding ground good, latively two tanks. At 5 m 4 / Baroda, a small village. At 9 m 5 / Jyo Kanta, 100 houses. At 3 m 8 / Waver, 400 houses, 8 shops, and about 200 water. Country of flat cultivated, latively somewhat sandy, and confined. The village and cultivated temple of Baroda are found to the left in this stage
	Subsistence	Baroda Cantonment Church to Oomreit	11	1	23	1	Very heavy, in some parts from road in all on from cut bank, and much confined by banks.	18 to	Abundant	A large walled town, under a Kanab, good and open, surrounding ground here a large tank to the N. At 4 m 4 / pure Waver or Baro, 400 houses, 30 shops. At 3 m 3 / Dero, 80 houses. At 3 m 3 / Dero, 100 houses, a few shops. At 11 m 8 / Baro, 55 houses. Country about jungle and cultivated
		Baroda Cantonment Church to Oomreit	8	9	81	0	Good heavy and sandy road, much rough, but from the third and with sides	Abundant, from tanks and wells	18 to	400 houses, a tank to the N. At 1 m 7 / Monda, 80 houses, and at 8 m 4 / Kanta, 18 tanks. Country jungle
	Baroda	Baroda Cantonment Church to Oomreit	10	1	71	4	Good road, but very sandy in some parts, and somewhat and jagged in others	Abundant, from tanks and wells, as in the large square Dero river	Abundant	A small town between two small rivers, with low banks, sandy beds, and constant water, which run into the Ryals about 8 m in the N. surrounding ground good, to the NW. At 1 m 1 / Dero, 80 houses, and a tank. At 2 m 4 / Kanta, 40 houses, 5 wells. At 3 m 4 / Baro, 15 tanks. At 3 m 4 / Baro, 55 houses. Country about jungle and cultivated, and some sandy ridges
		Baroda Cantonment Church to Oomreit	14	0	2	4	No the further from the road to through thick jungle and confined, and for about 3 m is strewn with stones the aspect of the ground is rolling, road generally good	Abundant, from tanks and wells, and a tank	11 shops and 4 m 5 / Baro, 55 houses, 5 wells, and a tank	A small village of 300 houses, outside a large tank, about a mile from the village. At 2 m 8 / Baro, 10 houses, 1 well. A range of hills to the right. At 8 m 4 / Baro, 120 houses, a shop, and a tank. At 12 m 5 / Baro, 120 houses, 120 houses, 1 shop, and 8 wells. Country wild and jagged, with cultivation near villages
	Baroda	Baroda Cantonment Church to Oomreit	18	0	83	6	Pretty good but occasionally very dry, the road is strewn through thick jungle	A large tank, which is in the river, and is the best in the bed	None, but a few small ones	20 small tanks about a mile to the right of the road, good, surrounding ground 2, 400 yards from the tank, reached by jungle. At 1 m 7 / Baro, 120 houses, 8 shops, and several wells. At 4 m 1 / Baro, 120 houses, 12 tanks. At 8 m 4 / Baro, a small tank, with good water. Country wild and jagged
		Baroda Cantonment Church to Oomreit	278	8						File Table No 13 (2)
	Political Agent Narsar Kanta, at Baroda	Baroda Cantonment Church to Oomreit	278	8						
		Baroda Cantonment Church to Oomreit	278	8						

Note.—This Route was watched by a horse battery of 8 pns, under Captain Reilly, on December 18, 1914, and is therefore perfectly passable for guns, but the use by Guder and Bader guns in Table No 53 (1) is probable.

TABLE No 60.

FROM BARODA TO NUSSERABAD, BY BHEERPOOR, KHAIRWARA, AND OODHEEPOOR.

GENERAL DIRECTION, N.E.

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Fortifications Division, Ahmedabad		Baroda to Oodheer		27 4				Field Table No. 54
		To Bheerpoor	41 0	71 4				Field Table No. 55 (7)
		Malpura	14 0	85 4	Excellent cart road, through sandy and occasionally shaded by jungle the An in Mar Ghani very good, and covered with some stones	Absent, from 5 large wells and a tank.	Scarcely, three shops	valley village of 800 houses, under a lofty hill to the W. among NW, near a well, ground shaded by jungle. At 8 m. 11/2 pass Baroda, 80 houses. At 2 m. 4/ f. Bhairava, 80 houses. At 3 m. 1/ f. Oodheer, 80 houses. At 3 m. 3/ f. Khairwar, 80 houses. At 8 m. road passes through the An in Mar Ghani or Khairwar for 800 yards. At 8 m. Yelliker, 70 houses. At 10 m. 3/ f. Bheer, 80 houses. At 11 m. 3/ f. across the Wairak river, banks high, but some stones 120 yards broad stream shallow. Have the Karna Collection station. At 11 m. 3/ f. Bheerpoor, 80 houses. These villages have all one or more good wells, but no supplies. Country generally jungle, with occasional cultivation.
		Bheer	10 7 1/2	95 3 1/2	Good hard cart road through sandy soil.	10 wells of good water, and a few small tanks.	Scarcely any shops	150 houses, among NW. At 2 m. pass the town of Pura and Mysore, 15 and 80 houses. At 4 m. 4/ f. Bhairava, 80 houses. At 5 m. 1/ f. Yelliker, 10 houses. At 6 m. 8/ f. Bhairava, 80 houses. At 8 m. 7/ f. Jalaker 80 houses. At 10 m. 3/ f. across a small river. Country generally jungle, with occasional forest trees.
		Bheer	8 6	103 1 1/2	Good cart road, but part heavy in mud and shaded by jungle	Meyra river, 20 wells in the village and 6 outside	Absent, 30 shops, some range outside	800 houses, on the Meyra river at the foot of some hills; among in hills to the W. At 1 m. 4/ f. across Bhairava river, dry, with low banks, and sandy bed. At 3 m. 3/ f. Kulkaboor, 80 houses. At 5 m. 7 1/2 f. the valley town of Marana, on the Meyra river; supplies and water abundant, and good uncultivated ground. At 8 m. 5/ f. Oodheer the river here by an easy ford, but generally, about 800 yards broad. At 6 m. 5/ f. Palla pass, 25 houses. At 4 m. 4/ f. Kulkaboor, 80 houses. Country cultivated, with some jungle.
		To Oodheer	26 6	129 7 1/2				Field Table No. 16 (1)
		To Nusserabad	148 42					Field Table No. 18 (1)
		Total		347 4 1/2				
		31 Marches						





TABLE No 62.

## FROM BARODA TO RAJKOTE, BY PITLAUD, DUNDOOKA, AND PALLIAD.

GENERAL DESCRIPTION, &amp;c

Railway	Ordn	Authorities	Names of Stages.	Distances		Road and Soil	Water	Supplies	Remarks
				Stages.	Total.				
				Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division Ahmedabad		Political Agent in Kutch at Rajkot.	Baroda to Wazwan		52 73	Indifferent road, hilly and rocky country	Good in parts in some rivers		Field Table No 51 (1)
			De Palind (Baria)	80 0	132 73				Field Table No 51.
			Yamash	12 7	144 80				A small village, occupying about 3 m. W. on strong ground. From villages of Ghos Palind, Wazwan, and Tharia. Country open, hilly, and rocky, and black; road straight, to avoid bad places.
			Aymer	8 0	152 80				A small village, on the Baroda river. From villages of Ghos and Harman. Country as before.
			Baria	11 2	163 82				A small village, near the source of the Baroda river partly deserted. At 3 m. W. pass Anandpur: a large village, with 40 shops. Country hilly, with thin jungle.
			Baria	11 14	174 96				A small village, occupying to the westward, on good open ground. From the villages of Barman at 3 m. S. E., and Harman at 7 m. S. E.; country supplies. Country hilly and rocky, but open, and black.
			Baria's Commandant's Office R. P. T.	11 4	185 100				A large fortified town on the left bank of the Baroda river about 180 yards wide, with high rocky banks and a rocky wall passing round the wall and north of it. The town and surrounding area about 1,000 yards to the W and N.W. in an open plain of black soil, with good drainage to the river. Travellers' bungalow, and Post and Telegraph offices. At 4 m. S. E. pass Myra, a small village.
			Total		174 9				
			16 Marches.						

NOTE.—This road is quite unserviceable in the rains and until the sandy ground between the Sahavasties and Dundooka is dry. The Maroon Route is as follows:—

General Officer Commanding Northern Division Ahmedabad	Political Agent in Kutch at Rajkot.	Baroda to Rajkot		52 0	Good road in dry weather, over black soil but swampy from June to December	Abandoned, from a tank, but not very good, also by digging in the bed of the Baroda river	Abandoned	Abundant	Field Table No 51 (2)
		Talawa	8 3	102 3					175 houses, on the Baroda or Ghos river at (between) occupying ground. At 3 m. S. E. of Kutch, a well and tank. At 5 m. S. E. of Kutch. Cross a belt of Baria extending from Rajkot for 3 m. as before possible for carts before December, but a dhoti may be made to the W to avoid it.
		Wazwan B. P.	15 1	117 4					3,500 houses, surrounded by a wall, good occupying ground on the Baroda river, which runs to the N of the town. Railway station, bazar, Police House, Post office and travellers' bungalow about 4 miles to the west of the town. At 6 m. S. E. of Wazwan, 40 houses. At 8 m. S. E. of Wazwan, 80 houses, 8 shops, 5 wells, and a tank. Cross the Baroda by a deep sandy ford, shallow bed and trifling stream.
		Baroda		117 4					
		General over							

Assemblies		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Furlongs	Miles	Furlongs			
		Brought over			118	4			
		Machas B F	18	0	191	7	Good dirt road, over sandy soil	Abundant, from wells and the Mogaya river	Abundant
		Hajjate Chamsar Chamk.	06	02				1200 houses 2 Government branch Post office and travelers bungalow; some good ground. B At 8 m. from Kambar. 10 houses 2 wells At 6 m. S f Loubar w Yharve At 10 m S f Jangpur, small village.	
		Total			184	11			VIA Table No 19
		17 March on							

TABLE No 63

FROM BARODA TO RAJPEETHA, via DUBHOEE

**GENERAL DIRECTION AT**

Authorities		Name of Stage	Distance		Road and Soil	Water	Vegetation	REMARKS		
			Stage	Total						
Military	Civil		Miles.	Per Cent.	Miles.	Per Cent.				
General Officer Commanding Madras District, Alameda Road	Resident of Madras.	Baroda Christian Mission Church to Hissar post	14	04	14	04	Fair weather country, earl road, well sandy.	From wells and the Indus river	3 shops, 100 houses and a diarama; ascending ground to some mango trees. At 10 a cross the Yerramangudi river (or ford) At 12 m. 8 / Lakshapuri gate of the town of Baroda. At 13 m. 7 / Chandra gate. At 15 m. 7 1/2 / Koppur 125 houses. At 17 m. 8 / Koppur, 6 houses 2 shops. At 19 m. 2 1/2 / Chandra, or Lakshapuri 100 houses 1 shop, a large tank and a "Khat" bungalow of His Highness the Gaikwar, and above the Indus river (bridged). At 15 m. 2 1/2 / Perambur 40 houses, 2 shops.	
		Dubbin N. P.	7	04	21	7	Ditto	Abundant	Abundant	A small walled town, 4,400 houses, travellers bazaar, Railway station. Fuel off on and diarama; ascending ground 3 1/2 m. near the Railway station. At 14 1/2 / above the Indus river (bridged). At 15 m. 4 1/2 / An. town, 50 houses. At 16 m. 1 1/2 / Panch 100 houses. At 18 m. 2 1/2 / Vengor, 30 houses. At 19 m. 1/2 / above the railroad to Dubbin. Country open.
		Shankar	18	04	84	48	Fair weather country. Cart road to some places through deep rain, well black.	Abundant	Non-Abundant	A large village on the north bank of the Indus river, diarama, ascending ground N. pass through the town of Dub. At 14 1/2 / Shankar gate. At 15 m. 0 1/2 / a diarama and temple on left of road. At 16 m. 1/2 / Kumbi 20 houses. At 18 m. 1 1/2 / Wadi 30 houses, 2 shops. At 19 m. 1 1/2 / Tan 175 houses, 2 shops. At 19 m. 4 1/2 / Mithi temple. Country open.
		Carried over			84	48				



TABLE No. 65.

FROM BELGAUM TO DHARWAR, BY KITTOOR.

GENERAL INSTRUCTIONS. 10

[illegible]

**NOTE**—Traps according to the mass should make Katter in three marches as follows—

Benjamin  
Maurice  
Lynch

	11	5
	11	4
	8	7
	8	1
<b>Total</b>	<b>27</b>	<b>4</b>

TABLE No. 65. (I)

## FROM BELGAUM TO CHINCHELL, BY KAMATNUR AND ANKLI.

GENERAL DIRECTION, NE

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
			Military.	Civil.						
			Miles.	Furlongs.	Miles.	Furlongs.				
		Belgaum Fort Gate to Batrumatt.	10	1	...	...	Good made road, chiefly red soil; rivers and nullas bridged.	1 well.....	None .....	50 houses; good encamping ground to SW. of village. At 8½ f. road to left branches off through city of Belgaum on to Vingoria. At 8½ f. two police stations. At 1 m. 2 f. road from Belgaum city joins on left. At 3 m. 6½ f. Yennapur, 50 houses, 1 well. At 5 m. 2½ f. Kanki, 350 houses, 7 shops, numerous wells; encamping ground 1 m. N. of village. At 6 m. 2½ f. Marknad river, 53 yards wide, bed sandy, crossed by bridge. At 6 m. 8 f. Hongi, 230 houses, 3 shops and a dharmala, water from wells and the Marknad river. At 7 m. 2½ f. Bonhati, a few houses with 3 wells. At 8 m. 2½ f. Jogunhati, 20 houses; country cultivated. At 9 m. 1½ f. toll chowkee to the left.
		Hatargi.....	11	...	21	½	Ditto .....	Nulla and wells..	5 shops .....	30 houses with a dharmala and police station; encamping ground to N. of village. At 1 m. ½ f. toll chowkee to the left. At 1 m. 6 f. Hakad to right, 20 houses, police station and a dharmala, water from a well; encamping ground SE. of village. At 3 m. pass a chowkee. At 3 m. 7½ f. police station to the left. At 6 m. Saitgati, 80 houses, 4 shops, travellers' bungalow and dharmala, water from Gaitparba river; encamping ground SE. of village. At 6 m. 4½ f. cross Gaitparba river (bridged), 127 yards wide, bed stony. At 6 m. 6 f. toll chowkee and dharmala to the left, and 4 shops to the right. At 7 m. 1 f. Benkanhati, 25 houses, 2 f. to the right. At 7 m. 6 f. pass a chowkee to the left. At 8 m. 1½ f. Nanguti, 2 f. to the left. At 9 m. 2½ f. chowkee to the left. At 10 m. ½ f. road crosses from Dadi to Yomkunnardi. At 10 m. 8½ f. Dadmaroti, 20 houses. At 10 m. 6½ f. cross a nulla, 20 yards wide, bridged.
		Kamatnour .....	9	5½	30	5½	Good made road up to Gatur, the rest cleared but unmetalled.	Good and plentiful from 2 wells, also from Cupral nulla.	2 shops .....	300 houses and police station; good encamping ground SW. of village. At 1 m. 6½ f. Honchimal, 4 f. the right. At 4 m. 7½ f. Ohikolgrud, 130 houses, 2 shops, dharmala and police station; encamping ground N. W.; water from Harankad river. At 5 m. ½ f. cross the Harankad river, bridged, 121 yards wide, bed sandy. At 5 m. 4 f. Hibal, 3 f. right of road. At 6 m. 3½ f. cross Cupral nulla, bridged, 53 yards wide, bed sandy. At 6 m. 5½ f. Gatur, 160 houses, travellers' bungalow, encamping ground NW. near travellers' bungalow; water from Cupral nulla; maderoad to Kolhapur branches off to the left. At 7 m. 6½ f. Gudnal, 40 houses, police station 1½ f. to the right. At 8 m. 4½ f. road from Santoswar to Gokak crosses here. At 8 m. 6½ f. cross Cupral nulla, 43 yards wide, bed sandy, banks low.
		Carried over.....	...	...	30	5½				

( 1306 )

Authority	Office	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles Postage	Miles Postage				
General Office Commanding Hyderabad Division Bangalore	Collected at Bangalore	Brought over Chalk's	11	8	Clear road installed	Abundant from wells and 2	Plentiful, 17 miles on 12 bridges	1,000 houses, 1 Sherranah, Kumbhar's latheery. Post office, police station and dispensary, meeting my ground 8 Channanah. At 11 f over a road and At 1 m 44 f over road from Nang crosses At 2 m 71 f Annapurna, 1/2 to the right At 3 m 21 f over road to Annapurna crosses At 4 m 1/2 Bungal 8 f left At 6 m 8 f 1/2 road, 41 f left At 6 m 1/2 f two walls of good water At 7 m 1/2 f of water At 7 m 7 f Annapurna 4 f left At 10 m 7 f 1/2 of water At 10 m 71 f Hills to houses At 11 m 1/2 cross walls 30 yards wide and sandy banks sloping, fordable 1 hour after heavy rains At 11 m 11 f cross sand or walls, 18 yards wide but sandy banks sloping, fordable 1 hour after heavy rains At 11 m 8 f wall At 11 m 8 f gate a Sherranah to the right
		Asht	8	7	Ditto	Plentiful wells	from 12 stages	800 houses Sherranah and police station surrounding ground 8 1/2 of village At 1 m 1/2 f gate wall and beds 200 yards to the left At 3 m 1/2 f gate wall and 1/2 to the right At 4 m 8 f Pappal 4 houses At 6 m 21 f over walls 25 yards wide but sandy banks very fordable 1 1/2 hours after heavy rain At 8 m 7 f over road to Kulpur At 8 m 1/2 Annapurna, 4 f left At 8 m 2 f wall of good water 1 f right At 8 m 21 f call track to Annapurna At 9 m 1/2 cleared road to Chalk's branches off to the right and cross a wall, 30 yards wide but sandy banks very fordable 1 1/2 hours after heavy rains At 9 m 24 f road 21 f gate walls of good water to the left At 9 m 24 f a side road to Tungabhadra branches off to the left
	Political Agent at Mallapur	Chalk's	10	4	Fair cart road	Plentiful 4 wells	from 26 stages and Bamby's	700 houses post box, evening gate ground 8 of village At 21 f across a large wall 300 yards wide but sandy, 1 hour after heavy rains 2 hours after heavy rain At 2 m 1/2 f Sherranah 200 houses, 8 at op 1 Sherranah and police station; surrounding ground 11 of village water from wells and Kumbhar river At 3 m 1/2 f Sherranah Wren 40 houses to the right At 3 m 2 f wall and beds to the left At 4 m 61 f 10 houses 123 houses 1 Sherranah and police station, water from wells At 6 m 71 f post 2 wells At 10 m 21 f cross walls 40 yards wide but sandy banks low fordable 1 1/2 hours after heavy rain At 10 m 8 f low bridge 2 f to the left At 11 m 41 f wall and beds to the right At 11 m 1/2 f gate 21 f gate walls At 11 m 41 f over tracks from Malwad and Kang, just a house on the left At 11 m 1/2 11 m 255 houses 6 at op, Annapurna, ground 17 of village water from wells and a wall At 11 m 1/2 f across a wall, 21 yards wide but sandy banks sloping fordable 1 hour after heavy rain At 11 m 21 f across a large wall 170 yards wide but sandy banks sloping fordable 4 hours after heavy rain At 11 m 71 f cleared cart road into this route
		Total	20	12				
		6 Miles						









Authorities		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Postage	Miles Postage				
Pargana Territory	Governor of Gan	Brought over		25 5	By water	Abundant	Abundant	<p>produced at Astarwan, on which being given, and the water down the river is generally about three hours, including a half tide. At 8 m. Doodhmagi. At 10 m. 1/2 hours. Water.</p> <p>Passes to the east of Government at Gan, and is situated half way between Old Gan and the sea.</p>
		Custom House at Pargana, at Astarwan	15 0					
		Total		25 5				
		8 Marahs.						

TABLE No 67.

## FROM BELGAUM TO GUJJUNDURGURH, BY NURGOOND.

GENERAL DESCRIPTION, &amp;c

Authorities		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Postage	Miles Postage				
General Officer Commanding Belgaum Division, Belgaum	Collector of Belgaum	Belgaum Fort Gate to Nagwade Ho in Nagwade		11 4	Good made road	Abundant	Medicines	Two Table No. 68
			15 5	27 1	Bad generally over rock black soil, good dirt road in dry weather, but nearly impassable in 11 or 12 rains, country cultivated throughout	Wells, and river 4 steps		300 houses. The river Malpran is crossed at the end of the stage, 300 yards broad; bed sand and mud; banks, black soil, rather steep on the north; debris after December. A broken line, but in the road, holding twenty men. At 8 m. pass Chik. Bag. Wards, 200 houses a stage, and three wells. At 4 m. 8/ Gulbana Koorwade, a tank for six months, no supply here. At 2 m. 8/ Belgandul and Koorwade, 200 houses, 10 steps; supplies abundant, water plentiful from wells and tanks; surrounding ground W. At 10 m. 0/ cross a mile of wide level, broken stage and muddy, bed sandy
		Koorwade	15 5	20 5	Ditto	Tank for six months well 2 m. to north	4 steps	270 houses, tank cultivation. At 6 m. 1/ pass Belwara, 250 houses, market on 1. handsp; supplies abundant, 8 steps, 10 wells, and a well with water all the year. At 8 m. 1/ Gulbana, 100 houses on company ground II, 3 steps, 6 wells, and a tank.
		Uranbhosane	11 5	30 4	Ditto	Wells with water for five months and a well	4 steps	100 houses, company ground II or W; Pargana hill close. At 8 m. 8/ pass Yelkane, 100 houses, company ground W, step, and a tank for six months. At 7 m. 8/ Belwara, 200 houses, company ground I. This village and 100 houses are close under the Pargana hill, which lies to the S.
		Carried over		30 4				

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Percentage	Miles Per Cent				
General Officer Commanding Bangalore District, Bangalore	Civilian	Brought over		30	4			
		Yaragond P.	12	2	62	0		A large town and hill fort; branch Post office, except other W or S, near the tank. At 6 m 1 f pure Kani-kang, 80 houses, 2 shops, a tank for tea, vanilla. At 7 m, Gannakutia, 80 houses, 1 shop, and a tank for green mangoes.
		Hirles	8	2	72	6		120 houses. At 1 m 1 f pure Kani-kang, 100 houses, 2 shops, 1 tank, no supplies. At 1 m 2 f cross a tank, 40 yards wide, shallow and muddy, and occasionally impassable after rain.
		Hirles	10	6	82	6		200 houses. At 4 m cross a tank 60 yards wide, 18 feet deep, bed muddy, and frequently impassable in the rains.
		Hirles	10	0	92	0		160 houses. At 5 f cross a tank 180 yards wide, bed muddy, banks steep, occasionally impassable in the rains. At 1 m 1 f Kani-kang, 100 houses, 2 shops, 1 tank, no supplies. At 3 m 4 f Kani-kang, 20 houses, 1 shop, and 1 tank. At 4 m 6 f Kani-kang, 100 houses, 2 shops and 1 tank. At 7 m 1 f Kani-kang, 80 houses, 1 shop, 1 tank, and a well.
		South Gate of Bangalore	4	2				A large place. At 3 m 5 f pure Kani-kang 200 houses, 2 shops, 5 tanks. At 6 m 7 f Bepore, 180 houses, 2 shops, and a well.
		Total		302	1			
		8 March						

TABLE No 68.

## FROM BILGAUM TO KALUDGHIE.

GENERAL DISTRICT, INDIA.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Percentage	Miles Per Cent				
General Officer Commanding Bangalore District, Bangalore	Civilian	Brought over	10	0	10	0		200 houses and Kani-kang; ramp on plain, no water. At 1 m 7 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 2 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 3 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 4 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 5 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 6 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 7 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 8 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 9 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water. At 10 m 5 f cross a tank, 100 houses, 1 shop, 1 tank, no water.
			10	0				

[illegible]

Notes--This road is wide and 'bridged' as far as Matanzas; from thence it has been in year's interest, cleared, and improved, and is an excellent fire-weather road.



Authorities		Amount of Storage	Distances		Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stages										
			Miles	Foot-paces									
General Officer Commanding Madras District, Madras.		Brought over			80 14								
		Artyls, at the foot of the ghats R	11	84	81 7	Made road	Artyls	1 sleep					
								10 houses and travellers' bungalow; camping ground NW. At 1 m 71/2 f. Panchamur 10 houses and 2 shops. The descent of the Artyls ghats commences here. At 2 m. 6 f. Madhurya 5 houses at the foot of the ghats. At 3 m. 14 f. Panchamur 10 houses 4 shops. At 4 m. 6 f. Chinnappur 10 houses on the summit of the Artyls Ghats; descent very. Country hilly and jungly.					
		Madhurya B	12	14	102 61	Made road, a line and river bridge	Thick and walls	8 sleep					
								10 houses and travellers' bungalow; camping ground NW. From Artyls the Madhurya river runs along the left. At 5 m. 7 f. Panchamur 2 houses. At 6 m. 8 f. Madhurya 4 houses. At 7 m. 14 f. Chinnappur 10 houses. At 8 m. 6 f. Subangar, 8 houses 1 sleep. Country jungly.					
		Alamur R	10	4	112 14	Ditto	Wells and wells	None					
								20 houses and travellers' bungalow; camping ground NW. At 1 m. 71/2 f. Madhurya 10 houses. At 2 m. 7 f. Subangar, 8 houses. At 3 m. 6 f. over the Hanu mountain river 60 yards wide but sandy. At 4 m. 4 f. Madhurya, 8 houses. Country jungly.					
		Madhurya B	10	5	122 14	Ditto	River	None					
								20 houses and travellers' bungalow; camping ground S. At 1 m. 4 f. Madhurya 10 houses. At 2 m. 7 f. A line 10 houses. At 3 m. made road to Artyls branches off to the left. At 4 m. 8 f. Subangar 10 houses 14 f. left. At 5 m. 6 f. over the Hanu mountain river 40 yards wide but sandy, affected by the tide. Scarcely a low water. Country hilly and jungly.					
		Madhurya B P T	14	84		Ditto	Artyls last	Abandoned					
								A civil station hand quarters of the General Officer Commanding Travancore Fort and Telegraph, all one; one house, ground and At 1 f. Artyls 20 houses. At 2 m. 6 f. Madhurya 100 houses, 1 sleep 3 f. to the left. At 3 m. 71/2 f. commences the ascent of Artyls ghats. At 4 m. 6 f. top of ghats. At 5 m. 4 f. end of descent, very. At 6 m. 7 f. Madhurya 40 houses 4 shops. At 7 m. 7 f. Artyls 40 houses. At 8 m. 14 f. Chinnappur 20 houses. At 9 m. 14 f. Chinnappur 20 houses, 10 shops, a strength of 1000. At 10 m. 14 f. Artyls 100 houses, 8 shops. At 11 m. 6 f. Madhurya 100 houses, 4 shops.					
		Total			122 64								
		12 Madhurya											
General Officer Commanding Madras District, Madras.		The direct route from Madras to Madras (middle track) is as follows:—											
		Madras Fort Ghat to Panchamur	14	44	14 44	Cattle track	Madhurya and walls	270 houses, camping ground NW. At 6 f. part of house. At 1 m. 4 f. Madhurya 40 houses. At 2 m. 4 f. Madhurya, 100 houses. At 3 m. 7 f. Panchamur, 10 houses, 1 sleep. At 4 m. 8 f. Subangar 10 houses 14 f. top of 100. At 5 m. 6 f. top of Artyls ghats. At 6 m. 7 f. Ux is here at the foot of the ghats. At 7 m. 14 f. a tank on the left.					
		Madhurya	8	84		Ditto	Thick and walls	From 100 houses, camping ground NW. At 4 f. over the Madhurya river 100 yards wide, but sandy and very. At 5 m. 7 f. Artyls 100 houses, 10 shops. At 6 m. 7 f. Subangar 20 houses. At 7 m. 14 f. Madhurya 100 houses.					
		Total			22 74								

Authorities.		Name of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
From Belgaum to Beedee, via Kittoor, is as follows:—								
		Belgaum to Kittoor.....	27	4	Made road .....	.....	.....	Vide Table No. 65.
		Beedee ..... P.	9	0½	Ditto .....	Tank, wells, and 10 shops .....	.....	487 houses; encamping ground N.E. At 1 m. 7½ f. Beukrom, 60 houses, 3 shops. At 3 m. 1 f. Deegloole, 60 houses, 1 shop. At 4 m. 5½ f. Bysalor, 400 houses and 6 shops. At 5 m. 7 f. Goommet, 60 houses. At 6 m. 7½ f. Gopurhattee, 100 houses. At 8 m. 5 f. Hindulgee, 10 houses. Country open and cultivated.
		Total.....	36	4½				
From Belgaum to Hallihal, via Kittoor, is as follows:—								
		Belgaum to Kittoor.....	27	4	.....	.....	.....	Vide Table No. 65.
		Joadgheree .....	11	3	Good cart road .....	Nulls and tanks...	2 shops ...	70 houses; encamping ground N.E. At 5 m. 2 f. Kalowlee, 80 houses.
		Hallihal ..... P.	9	1	Cattle track .....	Abundant .....	Abundant ...	A large place. At 1 m. ½ f. Kasum-Kuttee, 40 houses. At 1 m. 7 f. Faltakree, 80 houses. At 3 m. 3 f. Beedhee, 60 houses, 3 shops. At 4 m. 8½ f. Mootchawree, 60 houses. At 5 m. 1 f. Talgaum, 260 houses, 2 shops. At 6 m. 4½ f. Howghos, 80 houses. At 8 m. 2½ f. Gootkeerah, 10 houses.
		Total.....	48	0				

TABLE No. 69. (2)

## FROM BELGAUM TO KARWAR, VIA YELLAPOOR, CHINNAPOOR PAGODA, KYGA GHAUT, AND MULLAPOOR.

GENERAL DIRECTION, S.E.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.	Collector of Customs at Karwar.	Belgaum to, Yella- poor.	80	1½	Made road .....	.....	.....	Vide Table No. 69. (1)
		Tellangporee or Hat- leeguidoos.	88	5½	Made road as far as Chinnapoor pagoda, the rest cleared, very bad for carts.	Abundant, from wells and tank.	2 shops ...	25 houses; encamping ground good to the north of the village. At 1 m. 6 f. pass Hoolur- manne, 5 houses, 3 shops, 2 wells, and a tank about a furlong to the left of the road. At 3 m. 6½ f. commences the Ambey ghant. At 3 m. 6½ f. end of ghant. At 4 m. 1½ f. Idgonjee, 60 houses, 6 shops, 4 wells, and a tank. At 5 m. 6½ f. Chinnapoor pagoda and tank; the made road to Ankola branches off to the left here.
		Boray .....	101	4½	Very bad cart road.....	Abundant, from nulls and wells.	From neigh- bouring vil- lages.	15 houses. At 3 m. 7½ f. Vajeehrullie, 15 houses, 3 wells, and a tank. At 6 m. 2½ f. Hootoor- tay, 6 huts. Cross several nulls in this stage. Country covered with thick jungle.
		Carried over.....	101	4½				

Authorities		Name of Village	Distance			Road and Soil	Water	Supplies	Remarks
			Stages	Total					
Military	Civil		Miles	Days	Days				
General Officer Commanding Belgaum Division, Belgaum		Brought over		108 4					
		Malapow	18 6	118 9		Very bad cart road	Abundant tank and wells	10 shops	181 houses on the south bank of the Gudy Kaddie river; good occupying ground to the west of the village, a shikaree here of a snake and 8 eggs from the Ganga Pahra. At 8 m 7 f Harwar, 6 huts, about 35 f to the right. At 4 m 7 f commences the Kappa Jant. At 6 m 8 f Kappa, 20 houses and a well. At 8 m 8 f commences the cleared cart road. At 9 m 4 f Koordekar, 7 huts and a well. At 11 m 8 f Koordekar, 16 houses, 1 shop, water from Gudy Kaddie, about 4 f to the right. At 13 m 8 f road from Hirawale place on left. At 14 m 3 f Hind gukhe, 3 huts, 1 chow, and a well. At 14 m 7 f Koordekar, 3 huts and 1 shop. Country jungle.
		Kubhar	13 4	122 7		Foot path	Ditch	5 shops	A large village, about 2 f to the right, good occupying ground to the east. At 2 f para Dargay, 6 huts 1 well. At 8 m 2 f Beller, 12 houses, 1 well. At 8 m 6 f Koordekar 20 houses, 2 shops, 20 wells and 30 tanks. At 8 m 5 f across a creek 60 yards wide a small boat capable of carrying 8 persons, here. At 8 m 11 f Kargay, 25 houses, 3 shops, 2 wells, 3 small good occupying ground west of the village. At 9 m 2 f Beller, 20 houses, 2 shops, 10 wells and 1 tank. At 10 m 2 f Koordekar, 20 houses, 4 shops, 6 wells and 2 tanks. At 10 m 11 f commences the Dargay ghant. At 11 m 4 f ghant ends. At 11 m 7 f Hangerwa, 20 houses, and a well.
		Karwar Bander .. B P T	5 6			Foot path for 1 1/2 miles, the rest good made road	Ditch	Abundant	A large place and with station, local quarter of the Central Belgaum road good occupying ground to the west of the town in two fields. At 8 f para Dargay, 20 houses 2 shops 1 well, and 3 tanks. At 7 1/2 f Beller, 20 houses 2 wells, and 3 tanks. At 1 m 6 f made road from Beller just on left. At 2 m 1 f made road from Abundantly just on left. At 3 m 2 f Beller 25 houses, 2 shops, 20 wells and a tank. At 4 m 11 f a shikaree and water (the best) At 4 m 8 f road to Beller, good houses on right. At 4 m 7 f Post and Telegraph office.
		Total		128 4					
		11 Miles							



TABLE No 70.  
FROM BELGAUM TO KOLAPOOR, VIA NEEPANBE.  
GENERAL DIMENSION, &C

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Belgaum District, Belgaum		Belgaum Fort Main Gate, to District station	10 41	10 41	Good road, road, chief by rail and, river and water bridged	Well left of road, none		41 houses 180 yards to the left, occupying ground 5 on high ground. At 5 = 1 1/2 f. Yamsapur 23 houses, 1 well. At 5 = 1 1/2 f. Kaptan, 200 houses, 10 shops, and water under hills. At 5 = 5 1/2 f. across the Markandeya river by bridge. At 7 = 3 f. Hangan 214 houses, 26 wells, 2 shops. At 8 = 1 1/2 f. Bhadrakulha a few houses, with 8 wells. At 8 = 3 f. Jaganath, 20 houses. Country cultivated.
		Hattigree	10 7	21 31	Ditto	Wells and water, 3 shops water always		200 houses in a hollow occupying ground NW of village. At 5 = 1 1/2 f. Bhadrakulha, 54 houses 3 f. left, 4 shops; water from Gaptara river, travellers bungalow, encamp N, and close to road, or NW of the village is cultivated ground. At 5 = 4 1/2 f. across Gaptara river (bridged), Bhadrakulha on both banks, 100 yards broad, but large stream. At 7 = 1 1/2 f. Bhadrakulha, 2 f. right 20 houses. At 8 = 7 1/2 f. road to Hattigree branches off to the right. At 10 = 2 1/2 f. Bhadrakulha 20 houses, whence descent to Hattigree. The wells at Hattigree are bridged. Country very hilly the whole way, and covered with low jungle.
		Hattigree	8 31	30 11	Made road, and red soil black, across and water bridged	Wells, water, and the Hattigree river	Abundant from every Friday	1,500 houses, on the Hattigree river good occupying ground N of village. At about 3 = past a bridged well, Hattigree 300 yards right Bhadrakulha 8 = to the left. At 5 = 1 1/2 f. Okalagada, 100 houses on the Hattigree, Bhadrakulha on both banks. Cross at 5 = 1 1/2 f. by bridge 140 yards broad. At 8 = 4 1/2 f. Hattigree 200 houses and a road. At 8 = 6 f. Ghor 100 houses, and a travellers bungalow. The road to Purna via Yamsapur branches off here. At 8 = 2 1/2 f. across a bridged well. Country cultivated.
		Koyanase B P	13 45	43 36	Ditto	Wells, water, and tanks	Abundant from river one slope, better on Thursdays & Fridays.	1,500 houses, a strong fort, an old palace and a travellers bungalow, good occupying ground S. Leaving Bhadrakulha, across a branch of the Hattigree, & another branch a few hundred yards further on, both bridged. At 3 = 2 1/2 f. pass the hill fort of Wai Jagur, about 200 yards right of the road, across several deep valleys here, bridged. At 5 = 7 1/2 f. Kurnig, 2,500 houses, and a road, 6 wells, 11 small ones, a well with water always, 8 shops. At 7 = 1 1/2 f. a well of good water. At 7 = 5 1/2 f. cross the ascent of the Kurnig ghats. At 8 = 1 1/2 f. the top. At 8 = 5 1/2 f. a well. At 10 = 1 1/2 f. end of descent, almost every country good & cultivated. The village of Law also is at the top of the ghats.
General Officer Commanding Belgaum District, Belgaum		Kapal (near bridge by on the north side of town) B P	13 74	57 3	Ditto	Abundant, from tanks and wells	Abundant, from Mondays & Thursdays	1,500 houses, a fort Bhadrakulha, and two bungalows, the property of the Khan, which are always bed by travellers as regular encamp, except on good ground W of Kurnig. At 3 = 5 1/2 f. pass Yamsapur, a walled village of 100 houses, with 2 shops, and water from 2 wells, and the Yamsapur river. At 4 = 1 1/2 f. across river by bridge, 180 yards wide from bank to bank, nearly bed. At 5 = 3 f. Bhadrakulha 200 houses, and a small ghat, 5 shops, and 5 good wells. At 13 = 3 f. across the Bhadrakulha river, bridged, 80 yards from bank to bank, banks black earth, bed sandy.
		Overland over		57 3				

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles	Perkings					Miles
General Officer Commanding Belgaum District, Belgaur	Political Agent & M. Country at Belgaur	Brought over		87	8	Mud road, red and black and black rivers and wells irrigated.	Abundant	A large walled town. The residence of a Rajah and Political Superintendent. Frequent bungalow. Post and Telegraph of the M. town is about 2 miles to the SW of the encampment. At 8 a 2 1/2 / Lanchester Khand over for carts. At 8 a 4 / Gajah overgrown, the houses 2 days and three miles. At 7 a 2 1/2 / Marathas were houses. At 10 a 1 1/2 / across the road from the town of Kolapur to Belgaur.	
		Kolapur road B P 2	11	7 1/2					
		Total		88	8 1/2				
		6 Marches							

Note.—Permanent occupying ground is at all the stages.

TABLE No 71

FROM BELGAUM TO KOOMPTA, via HULLIHAI, AND THE ARBYLE GHAT.

GENERAL DIRECTION, SW

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles.	Perkings.					
General Officer Commanding Belgaum District Belgaum	Collector of District, at Karwar	From Belgaum to Hullihai	7	5	108 05	Charred road, soil red and gravel.	From a well.	3 sheep	Vide Table No. (1)
				111 85					
		Yongergat	10	24	122 0	Ditto	Wells	10 sheep	<p>20 houses, and temples across R. At 3 m. 1/2 across wells, with water; and at 4 m. 4/2 across 20 houses 6 temples 1 sheep water from well and wells, across R. or W. At 4 m. 4/2 wells with water At 4 m. 6/2 Gungavale river 400 yards broad, rocky bed, water all the year, 3 boats for crossing the river At 5 m. 8/2 wells with water, and at 7 m. 2/2 wells</p> <p>100 houses 10 temples, across R.R. At 3 m. 1/2 across wells, with water; and at 4 m. 4/2 across 20 houses 6 temples 12 temples 4 sheep 2 oxen 100 yards broad, and a tank At 4 m. 1/2 wells 200 yards across 110 yards broad, and at 5 m. 4/2 another wells both with abundant supply of water At 5 m. 8/2 Kerdol 16 houses 2 temples 1 sheep, water from wells At 6 m. 6/2 Kerdol 20 houses 3 wells tank, and wells across NW At 6 m. 7 1/2 houses wells, with water</p>
		Kompta border B P 2	23	4		Ditto	Abundant	Abundant	<p>Large open travellers bungalow. Post &amp; Telegraph office, across R. and NW, in place Green 8 wells at 1 m. 7/2, 2 m. 1/2, and 3 m. 7/2 all with abundant supplies of water At 3 m. 8/2 near Kargis, 20 houses 4 temples 10 sheep, 3 wells and a tank, across open ground R. At 5 m. 2/2 Kanadavale wells At 6 m. 3/2 Kerdol 100 houses, 2 temples and travellers bungalow, water from 10 wells and 3 wells, across R. and NW later it, across the Kerdol name the 8/2 broad, by boat, to Yagrove at 8 m. 1/2 800 houses, 15 sheep, and 40 wells across NW At 10 m. 2/2 and branches of to Karne</p>
		Total			185 4				
11 Marches									

Note Table No. 70 (1)

80 houses, and temples across N. At 8 m. 1 f. across mts. w. (h. water) 1 mile. At 9 m. 4 f. Hullihai 80 houses, 6 temples, 1 shop, water from well and mts.; crossing N. or W. At 4 m. 4 f. mts. with water. At 4 m. 6 f. Yongergat river 400 yards broad, strong bed, water all the year; 8 boats for crossing the river. At 5 m. 6 f. water mts. with strong bed, and at 7 m. 8 f. another

Large open travellers' bungalow. Post & tele. graph office, crossing NW and SW, 12 miles. Cross 8 miles at 1 m. 7 f., 5 m. 5 f. and 8 m. 7 f. all with excellent supplies of water. At 8 m. 8 f. near Koompta, 80 houses, 4 temples, 10 shops, 8 wells and a tank, occupying ground R. At 8 m. 2 f. Koompta mts. At 6 m. 3 f. Koompta 100 houses, 8 temples and travellers' bungalow, water from 10 wells and 5 mts.; crossing SW and NW river is, across the Koompta near the 8 f. broad, by boat, to Yongergat at 8 m. 1 f. 800 houses, 16 shops, and 40 wells on cross NW. At 10 m. 1 f. and branches off to Koompta

TABLE No. 72. (1)

## FROM BELGAUM TO MALWAN, BY THE PARPOLLEN GHAT.

GENERAL DESCRIPTION, W &amp; N

Authorities		Names of Stages	Distances		Road and Rail.	Water	Supplies	Remarks		
Military	Civil		Stage						Total	
			Miles	Fathoms					Miles	Fathoms
General Officer Commanding Belgaum Division, Belgaum	Collector at Belgaum	Belgaum (Fort Gate) to Bhatwade.	3	2	3	2	Good made road, river, wells and nulls bridged, rail rd.	Wells	None	A small village, encompassing ground good, on the N side of the road. At 2 m. S of pass Bhatwade, 80 houses, water from wells, no supplies. At 4 m. S of cross Kankhale nulls, 10 yards broad, banks low, bed muddy. At 4 m. S of Bhatwade, 80 houses, water from wells, no supplies. At 6 m. across Marikavade river, 85 yards broad, banks high, bed muddy. At 8 m. S of Bhatwade, 100 houses, 1 shop, water from wells and nulls. At 6 m. S of Channasavade, 35 houses, water from wells and a spring in the bed of a null; country open and cultivated.
		Datki	10	52	10	52	Ditto	Wells & Kankhale river	None	105 houses, encompassing ground good on the S side of the road. At 2 1/2 m. pass Bhatwade, 35 houses, water from wells, no supplies. At 3 m. S of Marikavade Kankhale river, 10 houses, no supplies, water from wells. The village of Kankhale is at about 6 f. to the SW of this place. At 8 m. S of Bhatwade, 10 houses, water from wells, no supplies. At 4 m. S of Kankhale river, 8 houses, water from wells and nulls. The village of Bhatwade is at about 6 f. to the SW of this place. At 5 m. S of cross Kankhale river, 15 yards broad, banks high, bed muddy. At 6 m. small Kankhale 15 houses, water from wells and nulls, no supplies. At 7 m. S of Marikavade river, 20 houses, water from nulls, no supplies. At 8 m. S of Bhatwade river, 80 yards broad, bed stony, banks high. At 8 m. S of pass Bhatwade, 80 houses, water from nulls, no supplies, Kankhale's bank gully. At 6 m. S of Bhatwade, 5 houses, water from nulls, no supplies, country open and cultivated.
		Kanore (small)	11	5	11	5	Ditto	Water from Ghat polle river	None	15 houses, encompassing ground good on high ground on both sides of the road, 200 yards N of the village. At 1 1/2 m. across nulls, 10 yards broad, bed muddy. At 3 1/2 m. S of Bhatwade, 8 houses, water from Kankhale river, no supplies. At 1 m. S of Kankhale river, 80 houses, water and supplies as above. At 2 m. S of Kankhale river, 5 houses, water from nulls, no supplies. At 3 m. S of Kankhale river, 60 houses, water from wells and nulls, no supplies. At 3 m. S of cross Kankhale 15 yards broad, bed muddy, banks low. At 3 m. S of Bhatwade river, 40 houses, no supplies, water from wells. At 4 m. S of Angam, 8 f. to the left, 80 houses, water from wells, no supplies. At 4 m. S of Bhatwade, 10 houses, water and supplies as above. At 6 m. S of cross Kankhale, 10 yards broad, bed muddy, banks high. At 8 m. S of Bhatwade 3 f. to the right, 60 houses, water from nulls, no supplies. At 7 m. S of Kankhale, small village. At 8 m. S of Bhatwade, small village. At 11 m. S of Bhatwade 20 houses, water from nulls, no supplies. At 11 m. S of cross Bhatwade river, 60 yards broad, bed stony, banks high, country cultivated and covered with trees.
		Garned over			80	52				

General Officer Commanding Bangalore District, Bangalore.

Anchorage.		Name of Stage.	Distance.				Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.		Total.					
		Miles.	Package.	Miles.	Package.					
General Officer Commanding Bangalore District, Bangalore.	Political Agent, Bangalore District, Bangalore.	Brought over...	...	...	30	51				
		Ambar...	18	51	...	...	Good mule road, river. Walls and walls... 30 houses, occupying ground, on the left of the road near the travellers' bungalow. At 1 m. 4 f. pass Thanda, 20 houses, water from river, no supplies; travellers' bungalow. At 2 m. 2 f. large Kanar, 10 houses; water from wells, 1 deep. At 3 m. 5 f. Bangalore, 3 f. to the left, water from well, no supplies; country open and cultivated as far as large Kanar, then hills and jungle.			
		Dum...	10	51	14	02	Thin	Wells	None	10 houses 2 f. left of the road, travellers' bungalow, occupying ground on both sides of the road after crossing the Walled river by a bridge. At 1 m. 1 f. the descent of the Purple glass mountain, rocky, country hilly and covered with low jungle.
		Albar...	18	51	30	74	Good mule road, river. Walls and walls... 30 houses, and travellers' bungalow, occupying ground on both sides of the road W. of the house, where there is a tank of good water. At 1 m. 1 f. across Walled river, 20 yards broad, bed stony, banks low. At 2 m. 4 f. Baidar, 7 houses; water from well, no supplies. At 3 m. 2 f. across well, 14 yards broad, bed stony, banks low. At 4 m. 3 f. Mandikar, 100 houses; water from wells, 8 deep. At 5 m. 4 f. Kanar, close Walled, 25 houses, 1 deep; water from river. At 6 m. road to Bangalore branches off to the left. At 8 m. 1 f. across well, 10 yards broad, bed stony, banks low. At 8 m. 4 f. Kolar, 200 houses, 4 deep; water from wells; the road from Bangalore joins here. At 10 m. 8 f. pass a Khind called Moli, round and covered map for carts; country cultivated, in some parts hilly and jagged.			
General Officer Commanding Bangalore District, Bangalore.	Political Agent, Bangalore District, Bangalore.	Kabur...	0	41	70	4	Good road	Wells and wells	None	100 houses. At 3 m. 12 f. Kanar, 20 houses. At 3 m. Bangalore, at 4 m. 4 f. Kanar, water; at 5 m. 5 f. Bangalore, all material villages without supplies.
		Mahar...	18	51	...	...	Thin	Abundant	Abundant	Mahar is a large town on the sea coast, much cultivated, and surrounded by groves of coconut trees. Post office. The landing place is muddy, and the harbour surrounded by rocks, which render it difficult of access to boats above 400 tonnes. The bay is formed by the beach, natural rocks, and the fort of Shivadurga. Cross Kanar river at creek, 250 yards wide, bed sandy and muddy, 25 feet deep at low water; navigable at other times, when a head pier is in place, 120 houses, at 3 m. 3 f. At 5 m. 4 f. Kanar, 200 houses, walls, and a good tank. Cross Kanar river by a wooden bridge, a deep ravine, 10 yards channel to Chert, at 7 m. 8 f. At 10 m. 4 f. top of Mahan Chert. At 14 m. 2 f. end of Kanar. At 14 m. 4 f. enter the town of Mahan.
		Total	...	...	52	02				
		8 March.								

NOTE.—Passenger occupying 37 seats at Kolar, Datta, Kanar, Ambar, Dumbar, and Albar.

TABLE No. 72 (2)

## FROM BELGAUM TO MALWAN, BY THE RAM GHAT.

GENERAL DIRECTION, W to E

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles.	English				
		Belgaum Fort to Belgaum	8 0	80 0	Made road			Table No. 80
			8 0	36 0	The whole of this road has been made by planing, and most of the dependent outcrops are paved; it is over a very rich country, and generally in very good order	Wells and river	1 slope	160 houses, about 4 1/2 to the right of the river, on the Tadar river, except between the road and a river in good ground, there is rather low, with few trees. At 8 1/2 f from Belgaum, at the foot of the first plain. The descent of the plain is steep, and in ascending it is necessary to cross several parts of cuts, bullocks. The Tadar river, which is crossed at 0 to 7 1/2, is shallow, fordable before November, but rarely, banks low, water always very steep bed and deep till February. A canoe, plus during the rains. Country very fertile.
		Belgaum	8 0	47 1	Ditto	Wells, river, and	Moderate	Good village, except near the wells, is good ground, or the (slope) going down, on a rising ground left of the road, and 1/2 of the mile, but continued country to before At 0 f from Belgaum no supply but At 3 to 3 1/2 f Belgaum, good village with wells, wells, slope and a terrace. Beyond the wells the land and hills in the rain, country ground rougher but dry. At 8 to 7 1/2 f from the Tadar river by a steep hill in the rain weather, or once in the rain, to near houses, 4 slope and river.
		Belgaum	10 0	57 3	The whole of this road is made and is generally in good order, the days and nights are most of them paved	Abundant, from wells and river	Abundant, 12 1/2 slope	Good village, except near the wells, is good ground, or the (slope) going down, on a rising ground left of the road, and 1/2 of the mile, but continued country to before At 0 f from Belgaum no supply but At 3 to 3 1/2 f Belgaum, good village with wells, wells, slope and a terrace. Beyond the wells the land and hills in the rain, country ground rougher but dry. At 8 to 7 1/2 f from the Tadar river by a steep hill in the rain weather, or once in the rain, to near houses, 4 slope and river.
		Belgaum	8 0	65 1	Ditto	Abundant	from a few slope	Good village. A wide cart road branches off from this to Belgaum, which is about 5 m distant.
		Belgaum	12 1/2	77 3/4	A cart road, but not in good repair	Wells and wells	None	100 houses. At 3 to 4 1/2 f from Belgaum pass Kumbhar, 80 houses, wells, but no supplies. At 4 to 4 1/2 f Belgaum, a few houses. At 5 to 5 1/2 f Belgaum, 180 houses, wells, and wells. At 6 to 6 1/2 f Belgaum or Belgaum, wells, and wells. At 8 to 8 1/2 f Belgaum, 180 houses, at 9 to 9 1/2 f Belgaum. There are all scattered villages, without supplies. Cart road from Belgaum to Belgaum.
		Malvan, Minalur & Kutcherry P.	16 1/2	91 1/2	Unmade road	Abundant	Abundant	Malvan is a large town on the sea coast, much scattered, and surrounded by groves of coconut trees. Post Office. The landing place is sandy and the harbour surrounded by rocks, which render it difficult of access to boats above 400 fathoms. The bay is formed by the beach, scattered rocks, and the first of Belgaum. Over the Tadar river or creek, 200 yards wide, but sandy and muddy. 2) Not deep at low water, fordable at other times, when a boat flies to Belgaum, 180 houses, at 3 to 3 1/2 f. At 4 to 4 1/2 f Belgaum, 200 houses, wells, and a good bank. Over Belgaum, wells by a wooden bridge, a deep ravine, 12 yards deep to Belgaum at 7 to 8 f. At 13 to 14 f top of Malvan. Belgaum. At 14 to 15 f end of descent. At 16 to 17 f enter the town of Malvan.
		Total		91 1/2				
		9 Marches						

General Officer Commanding Belgaum District, Belgaum

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STANLEY DIAMONTE, 24W

[illegible]



General Officer Commanding, Poonah Division, Poona.

Authorized as		Name of Stage	Distance				Do and Soil	Water	Supplies	Remarks					
Military	Civil		Stage		Total										
			Miles.	Perchages	Miles.	Perchages									
Collector at Poona.															
Brought over					171	84									
Jaspore D P			14	8	180	74	Good made road with bridges over an old delating country	Abundant, from tanks and wells.	Abundant, from shops	<p>(the broad tank) is used and steady, and sufficient means for the encouragement of agriculture. By making a forced march between Deccan and Jaspore for 12 days and 12 nights (the days on the Jaspore side of 'Borepore' are 2 1/2 miles by the way, there crossing the Rajah's or company ground which is hilly, hard, and bad, and the one ground at Jaspore which is not much better.</p> <p>At 2 = 4 1/2 p.m. Tondan, a small village.</p> <p>At 3 = 10 miles, 3 stages; near Tondan the Rajah's estate, which runs for the last half of the march on the right, and then on the left is the boundary of the Rajah's estate.</p> <p>The old bridge over the Jaspore has been used of every</p>					
Barwar D P			8	6	200	61	Ditto	Abundant, from river and wells	Abundant, from large houses	<p>small tank at town with a stream to traverse irregularly and a shallow tank on a hill at which there is an annual fair; good grazing ground 200 yards among the trees. At 7 = 2 1/2 p.m. Wadi 270 houses. 12 of one mile and 1/2. At 8 = 2 1/2 p.m. Dand 60 houses. At 11 = 4, across the Wadi head.</p> <p>A further town on the left bank of the Kaveri; an old palace outside is used by the Rajah; good grazing ground in a few groves of trees. From the Kaveri river to Barwar, the road is good and steady.</p>					
Wadi D P			8	6	200	61	Ditto The ground is very dry	Wells, water good; shops and plenty of milk water carts 8 months		<p>Small village below 11 a ghost 1/2 from the road, except between village and road. At 8 = 6 1/2 p.m. Koppur, a small town and well, and at 9 = 1 1/2 p.m. near the end of the Deccan ghost.</p>					
Poon, Gokimay Church P T			5	8			Made and bridged			<p>At 4 = 11 1/2 p.m. Poon on the spot and road; and at 5 = 11 p.m. 270 houses, a w. 1/2, and milk with water</p>					
Total 20 Marches					215	84									
The direct line from Jaspore to Poma, avoiding Barwar, is as follows —															
To Jaspore as above Koppur D P			14	8	180	74	Good made and partly bridged	Wells		A few houses					
Wadi D P			8	6	200	61	Ditto								
Poma			8	6	200	61	Good made and bridged			As above					
Total					217	84									
The old road from Jaspore to Poma, by Barwar and the Ruppah Ghant, is as follows —															
To Barwar (as above) Barwar D P			7	8	200	41	Made road but not kept in repair	Tank, wells, and shops							
Poon, Gokimay Church P T			9	8			Ditto	Abundant	Abundant	<p>20 houses, excepting ground good, but less 200 yards W. At 2 = 4 1/2 p.m. 12 houses, 2 stages. At 4 = 2 1/2 p.m. 12 houses, 2 stages good water, and a few houses for example. At 5 = 2 1/2 p.m. 20 houses, country open and cultivated.</p> <p>At 5 = an amount of 4 1/2 to the amount of the Ruppah Ghant, and at 6 = 2 1/2 p.m. the Ghant; there is a row of 200 and houses of 200 feet very steep, and some rocky and extra, year of hillside for the road. At 6 = 8 1/2 p.m. 20 houses, 20 houses.</p>					
Total 20 Marches					217	84									

Collective 18 Marches.

General Officer Commanding Poma District, Poma.

The road from Jaspore to Poma, avoiding Barwar, is as follows —

The road from Jaspore to Poma, avoiding Barwar, is as follows —

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The road from Jaspore to Poma, avoiding Barwar, is as follows —

Note: 18 Marches

18 Marches

18 Marches



TABLE No. 74 (1)

## FROM BELGAUM TO RAIREM, BY THE PARPOLLE GHAUT AND VINGORLA.

GENERAL DIRECTED BY M

Authorities		Names of Stages.	Distances.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding Portuguese District Belgaum.	Officer at Rattapahery	Belgaum to Aldrowe	88	71	Made road			See Table No. 73 (1)
		Vingorla near Factory, B P T	10 14	77 04	Do	Abundant	Abundant	A town with travellers' bungalow, Post and Telegraph offices. At 6 1/2 from Rattapahery 7 houses; water from well, no supplies. At 1 m 4/2 houses, 8 houses; water and supplies as above. At 1 m 5/2 Aldrowe 280 houses; supplies and water at store. At 5 m 7 1/2 from Rattapahery 8 houses; water from well. 4 shops. Pass through the town of Vingorla by the street to the travellers' bungalow. The border is 1 1/2 m further on and is approached by a good made road, there is a sleeping bag difficult looking place; and on the border there is a crane for stringing horses heavy baggage. At Rattapahery of 230 houses can be seen along the river the crane far about six hours during high tide, smaller settlements can remain longer. Passengers come in to within three quarters of a mile of the border head. The border is small and is pointed to the full force of the north west gale. Animals scarce, tigers, and tigers can be had at Vingorla, and generally carts in moderation.
		At mile of creek near the Fort at Raurem.	8 01		Then a very good horse and cattle road and possible for carts the greater part of the way but the rough ground near Kasseim Talhar and the creek are obstacles to wheeled carriages. The passage by water is generally preferred whilst compass, with tide in favour, about three hours.	Abundant, from wells and tank.	Moderate	Two small rivers bridge, to Colobocade, at 7 1/2, straggling village extending for a mile and a half containing about 87 houses, and numerous wells. The road then crosses a small plain with steep ascent and descent to Macdonald's at 4 m 4/2 a straggling village of 80 houses a small district, 1 m 4/2 4 1/2 shops on a broad creek which is crossed by a bridge at low and by cause at high water. At 5 m 2/2 are two villages of 237 houses and temples, extending for upwards of 2 m, whereas the road passes through part of the Barwari boundaries to the creek, which is crossed by cranes, and is not fordable. The creek is broad, and is a fort on a hill on the B bank at several hundred yards distance. There are several wells or cisterns within the Arwade boundary crossed by stone bridges, and a long stone sluiceway across a patch of rice cultivation. Both are run close to the fort and land now or baggage on a dry beach.
		Total	88	71				
		8 Miles						

Notes.—From Raurem there is a road the first two miles a pathway afterwards a broad road to Colobocade, a Portuguese village at the mouth of the creek. The village is long and straggling with a small fort overlooking the entrance of the creek. A good and well sheltered looking place on the bank. The road passes the Kasseim tank, which is supplied by springs and retains water all the year.

TABLE No 74.(2)

## FROM BELGAUM TO RAIRHE, BY THE BAM GHAUT.

GENERAL DIRECTION, W to E

Authorisation.		Name of Stage	Distances.		Road and Soil	Water	Supplies	Remarks			
			Stage	Total							
Ministry	Officer		Miles	Perchangs	Miles	Perchangs					
General Officer Commanding Belgaum District, Belgaum	Political Superintendent at Barvas Warde	Belgaum Fort to Belgaum			84	1	Made road		Feet Table No. 73 (3)		
		Barvas	11	0	78	9	Leaving Belgaum, the road is hilly and rocky, with rice fields; near Aggaon the soil becomes rocky, and near Barvas sandy	Wells		Troops, but no other supplies.	
	Collector at Belgaum	Barvas		2	4			Made road near river, passing between hills	Wells, and a tank near village	Moderate	A good village, with a strong wall fort, and well placed fort, on the bank of a small river, near its confluence with the main river. The houses are about a quarter of a mile round. The landing place is sandy and commanded by the fort; the village is a mile to the S. The right bank of the river is at 1 m 3 f from Barvas and is covered at the end of the stage. Near the Vangur locality one can see along the river, and land near, or hanging on a dry bank.
		Total				78	8				
		3 Marches.									

Note.—This is a more reliable track from Belgaum, and would not be a good route for troops, excepting on emergency, or when marching without arms.

TABLE No 75 (1)

FROM BELGAUM TO BUTNAGHERRY, VIA NEEPANEE AND THE PHONDA GHAUT

GENERAL DIRECTION NW

Authorisation		Name of Stage.	Distance		Road and Soil	Water	Slops	Remarks
Military	Civil		Stage	Total				
			Miles	Perches				
General Officer Commanding Belgaum District, Belgaum	Tributary Agent at Belgaum	Belgaum Fort 1.2 m. Gate to Neepanee Mangapur	18 7	44 25	Wide road			See Table No 70
				60 21	Good passable road without bridges or drains	Edganga river	30 slopes, marked on Bundara	The village lies about 1 mile to the left of the road 3000 acres occupying ground on the left on the bank of the Edganga river At 2 m 31 f Gulkumbhar Kanee, 80 houses At 3 m 61 f Mangapur, 80 houses At 4 m 41 f cross the Chikata river, 50 yards wide bed stony, banks muddy, but not difficult for carts. At 4 m 51 f Khadwary 300 houses 1 Gharkumbhar At 5 m 1 f Banga 80 houses At 6 m 4 f Koorukha, 180 houses At 9 m 61 f Koorukha 25 houses At 11 m 4 f Banga, 30 houses, 3 slopes At 12 m 61 f cross hills to Bundar wady, 40 houses. Country open and cultivated
		Khoigat-shet wady near Walewa.	14 8	78 31	Diffc	Water from Khoigat-shet river and wady	From Walewa (inland) m 11, 25 slopes marked on Bundara	10 houses; occupying ground good. At 10 yards cross the Edganga river, 50 yards wide banks high bed stony and muddy but not difficult for carts a boat capable of carrying 80 tons at the rate. At 11 f Khadwara 80 houses At 12 m 41 f Banga, 30 houses At 13 m 51 f Koorukha, 180 houses, 15 slopes At 14 m 71 f over the Edganga river, 110 yards wide banks low bed stony, not difficult for carts a boat capable of carrying 30 tons during the rains At 15 m 41 f Mangapur, 15 houses At 16 m 11 f Bundara, 80 houses At 17 m 71 f Koorukha 10 houses At 18 m 61 f Bundara 80 houses and 8 slopes the scene of the Gytha killed our men here At 19 m 8 f top of the hill At 20 m 41 f top of the Mangapur hill then descend 61 f, not difficult for carts country open and cultivated as far as Bundara, thence hilly and jungle
		Dyehpur	10 0	88 31	Diffc	Water from Khoigat-shet river	10 slopes	13 houses Khadwara 300 houses 78 hectares (inland) houses; occupying ground W of the houses At 1 m 41 f Dyehpur 24 houses At 1 m 61 f cross hills 60 yards wide bed stony and muddy, delay of 3 days after heavy rain. At 2 m 31 f Wady 50 houses At 4 m 51 f Yagwa, 15 houses At 5 m 3 f Khadwara wady, 30 houses and cross a wady 35 yards wide, delay of some hours after heavy rain At 6 m 71 f cross the Khoigat-shet river (bridged) Country hilly and jungle
Collector at Butnagberry		Phonda Bazar, Gharkumbhar m.	8 61	96 41	Good roads sand	10 m wide and river	18 slopes	17 houses and a Government 48 acres of occupying ground 8 m of the Gharkumbhar and a large wall At 1 m 31 f top of Phonda ghaut At 2 m 71 f and a plain; Gharkumbhar At 3 m 61 f Phonda village 300 houses about 3 f to the right At 4 m 11 f Pharkumbhar, 101 houses 1 slope At 5 m 41 f cross the Phonda river (bridged)
		Carried over		105 41				

Military	Civil	Account of Stages	Distances		Road and Soil	Water	Supplies	Remarks				
			Stages									
			Miles	Per day								
		Brought over		88 41								
		Panama	8	6	100 41	Good made road with out bridge or stream	Water from the glacier river	None				
		Choropetum	18	6	118 41	Doile	Water from wells and Choropetum river	30 sheep				
			11	7	129 41	Doile	Water from wells and the Boyaca river	Abandoned				
		Overgrown on the right bank of the Nechikimbo river	18	8	147 11	Made road with bridge over all the small rivers	None	None				
		Carried over		128 11								

Authorities		Name of Stage	Distance		Road and Soil.	Water	Supplies.	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Long Independent Division, Bangalore		Brought over		185 14				
		Kanga P	7 41	140 51	Made road with drains over all the small wells	Wells	80 sheep	415 houses. Police station, Post office, an empty ground. At 5 1/2 f. Wankarwara, 10 houses. At 1 m. Gundlacher wares and numerous ascent of Kaveri ghats. At 1 m. 7 1/2 f. tank of good water. At 3 m. 5 f. top of ghats. At 4 m. 5 1/2 f. Gaurwara. At 5 m. 1/2 f. wares, 20 houses. At 6 m. 1/2 f. well. At 8 m. 1/2 f. Gaurwara wares, 20 houses. At 7 m. 1/2 f. direct road to Kaveri ghats. At 8 m. 1/2 f. direct road to Kaveri ghats. At 9 m. 1/2 f. top of ghats.
		Naigama	8 4	185 14	Date -	Ditto	None	40 houses and Gaurwara empty ground. At 5 1/2 f. Kaveri wares. At 1 m. 5 f. across the Vem river, 80 yards wide but muddy, delay of some hours after heavy rain. At 3 m. 1 1/2 f. Gaurwara wares, 20 houses. At 4 m. 5 1/2 f. numerous descent. At 4 m. 5 1/2 f. and of descent. At 5 m. 5 f. across a mile. 80 yards wide, to Vem 145 houses. At 6 m. 5 1/2 f. across a mile. 80 yards wide; delay of some hours after heavy rain. At 8 m. 7 1/2 f. across the Kaveri river 100 yards wide, but muddy, a ferry boat here at the river. At 7 m. 1 1/2 f. Gaurwara and some numerous ascent of Kaveri ghats. At 8 m. 1 1/2 f. top of ghats.
		Back Kaveri Palt.	8 34	185 5	Date	Wells and river	8 sheep	180 houses, Police station, Gaurwara, an empty ground near it. At 1 m. 7 1/2 f. Kaveri wares, 20 houses. At 3 m. 4 f. road from Kaveri ghats. At 3 m. 5 f. Police 180 houses 20 wares, 2 Gaurwara. At 4 m. 5 1/2 f. Gaurwara 40 houses. At 4 m. 5 f. across Kaveri river, 87 yards wide, banks sloped, but muddy. At 5 m. 5 1/2 f. top of ascent which commences from the river. At 6 m. 1 1/2 f. Gaurwara wares. At 8 m. 5 1/2 f. Gaurwara for 80 travellers, good ascending ground near it. At 8 m. 5 1/2 f. across the river 80 yards wide, banks sloped but muddy, delay of some hours after heavy rain.
		Katagaherry Bunder P	9 41		Date	Abundant	Abundant	Katagaherry is the principal civil station in the Southern Kanara. Post office. There is a large open town on the sea and two small bays formed by a rock, on which a fort is built. There is neither shelter nor good ascending ground the bay being completely exposed and the bottom hard and with rock. The landing place for boats is on N. side of the fort near a small tank close to high water-mark. With very heavy from the W there are heavy breakers on the bar at the entrance of the river, and boats only cross it at the top of high water. At 8 f. wares. At 7 1/2 f. road from Deogarwara. At 4 m. 4 1/2 f. tank. Kaveri Taluk. At 7 m. 5 1/2 f. well. At 7 m. 5 1/2 f. road from Kanga P. At 8 m. 5 f. Kaveri Taluk. At 8 m. 5 f. Kaveri Taluk. At 8 m. 5 f. Kaveri Taluk.
		Total			174 14			
18 Miles.								



General Officer Commanding Belgaum District, Belgaum.

Collection at Kumbhewar.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Pachanga.				
		Brought over.	—	110 14				
		13	34	120 41	Made road, with ditched wells over all, the small soil.	10 wells	1 sheep	150 houses, a large dharmashala for 75 travellers; occupying ground near h. At 1 1/2 f. Kodgum, and cross a mulla 10 yards wide; delay of a few hours after heavy rain. At 4 1/2 f. Kumbhewar, 80 houses. At 1 m. 7 f. Kumbhewar, 20 houses. At 1 m. 1/2 f. Kumbhewar, 15 houses. At 2 m. 1/2 f. Kumbhewar, 21 houses. At 3 m. 1/2 f. Kumbhewar, 10 houses. At 4 m. 1/2 f. a well and common house of Dabbale chieftains. At 4 m. 1/2 f. Kumbhewar and Kumbhewar. At 5 m. 1/2 f. Govindhewar, 8 houses. At 6 m. 1/2 f. top of Dabbale chieftains. At 8 m. 1/2 f. Kumbhewar. At 9 m. 1/2 f. tank and well. At 11 m. a well.
		Bath Kumbh, Kumbhewar.	8	7	10 wells	1 sheep	150 houses and a large dharmashala for 80 travellers; occupying ground near h. At 1 m. 1/2 f. cross the Kumbhewar mulla, 80 yards wide, delay of some hours after heavy rain. At 2 m. 1/2 f. road from Belgaum joins on left. At 4 m. 1/2 f. Pales, 100 houses. At 4 m. 1/2 f. Pales, dharmashala. At 5 m. 1/2 f. Kumbhewar, 40 houses. At 6 m. 1/2 f. cross Kumbhewar river 20 yards wide, bed sandy, delay of 2 days after heavy rain, and commence ascent. At 8 m. 1/2 f. top of hill. At 9 m. 1/2 f. Kumbhewar mulla.	
		Kumbhewar Bunder P.	2	41	Abundant	Abundant	A sugar town and the principal civil station in the Southern Konkan. Post Office. Cross the river to the village of Bath Kumbhewar at 1/2 f. river, 20 yards wide, bed sandy, delay of 2 days after heavy rain. At 1 1/2 f. pass a chowhee. At 2 1/2 f. mulla. At 3 m. road to Kumbhewar mulla branches off to the right. At 4 m. 1/2 f. well and dharmashala. At 6 m. 1/2 f. tank. At 7 m. 1/2 f. well. At 7 m. 1/2 f. road to Lango on left. At 8 m. 1/2 f. Kumbhewar's kitchenery.	
		Total	—	140 64				
		12 Mares.						

TABLE No. 75. (3)

## FROM BELGAUM TO BUTNAGHERBY, BY AJRA AND THE PHONDA GHAUT.

GENERAL DIRECTION, N.W.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Pachanga	Miles Pachanga				
General Officer Commanding Belgaum District, Belgaum.		Belgaum to Butnagherby.	8	4	An old cleared track, but out of repair, and very difficult in parts.	10 wells	1 sheep	100 houses; occupying ground high and dry. At 4 m. 1/2 f. from Belgaum across Markand river, rather difficult for carts even in the dry weather. A small stream in high at a village about a mile up stream for the mulla; Ambikawar, a small village on left bank of the river. At 5 m. 1/2 f. pass Markand; left, 2 sheep, 80 houses. At 6 m. 1/2 f. Govega, 80 houses, mulla, and well.
		Cleared over	—	8				

In Charge		Name of Stage	Distance		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Madras District Madras		Brought over		8 4				
		Palase	12 4	21 0	An old cleared track but out of repair and very difficult in parts	Wells and wells	A few shops	About 200 houses; open uncultivated ground. At 1 m 7 f from the river 40 houses, but wells. At 4 m 3 f from the river, On the river bank and near Palase, at 1 m 7 f on a river 200 houses and a shop. At 8 m 7 f, Jidicholai, in rain, and some river right at 11 m 4 f
		Agri	9 5	30 5	11 m	Abundant & good from wells and river	Moderate	Large place, with good houses and market on a bank. At 8 m 7 f from Palase 20 houses. At 4 m 3 f from Palase, Telavara Mandala at 7 m 3 f. At 8 m 3 f from Palase 20 houses
		Mandapet	19 0	49 5	An old cleared track but out of repair the roads on the two ghats very difficult	Telavara river	None	Small village on the N. bank of the Telavara river the left bank of Mandapet. At 4 m 3 f, good uncultivated ground on either bank. At 8 m 3 f from the Telavara river by ford or narrow road Mandapet on the N. bank 70 houses. At 4 m 3 f, Mandapet and at 5 m 3 f, Mandapet, small house (1) across the Telavara river, Mandapet at 8 m 3 f, Mandapet, small but very well kept. Mandapet not at all well and about half a mile in length. The Telavara river at Mandapet has no city and no houses.
		Wale	7 3	56 7	12 m	Well, and river Mandapet	None	Small village on the N. bank of the Telavara river very well kept and at the end of the stage by a ford by very bad muddy ford uncultivated ground on both banks. On the N. bank 200 houses (Mandapet at 8 m 4 f from Mandapet, several small decent shops and 4 shops)
		Dopapet	12 4	62 1	The last 8 or 9 m difficult with many accidents and dangers	Elavara river	3 shops	15 houses, Mandapet and Mandapet house on a patch of 100 acres of the Telavara river (Mandapet) on the bank of the river. At 8 m 7 f from Mandapet, on the Telavara river
		To Mandapet	21 4		Made road without bridge or dam			Table Table No. 78. (1)
		Total		124 7				
		15 Karsim						

Note.—This is the old cleared road to Dopapet for carts, but generally in very bad order, having been abandoned and consequently not repaired.



TABLE No. 76.

FROM BELGAUM TO SATTARA, BY GOTOOR, OHIKOREE, KAGWAR, AND  
RHYMUTPOOR.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.	Distances.			Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.			
General Officer Commanding Poona Division, Poona.	Collector at Sattara.	Belgaum to Hutin- gee.	...	...	21	2½	Made road .....	.....	Vide Table No. 70.
		To Poomawice .....	105	0½	137	2	Cleared road .....	.....	Vide Table No. 73.
		Rhympoor .....	12	8	180	6	Ditto All the nullas from the Nharve ghant bridged.	Wells and nulls....	Abundant, 20 shops.
		Sattara Post office... B. P. T.	15	0½	...	...	Cleared road. All the nulls bridged.	Abundant .....	Abundant ...
		Total...	...	...	184	5½			A large town, hill fort and cantonment; tra- vellers' bungalow; Post and Telegraph of- fices. At 3 f. cross the Koomdhalla nulla, 160 feet wide, bed sandy, banks muddy. At 3 m. Damohra, about 1½ f. to the right, 186 houses, 1 shop, 1 dhurumala. Cross the Krishna river here, ford 3½ f. across, bed sandy, banks muddy and high, heavy for carts. A small ferry boat dur- ing the rains. At 6 m. 5½ f. Waree, 16 houses. At 8 m. 3½ f. Ohote Thangann, about 2½ f. left, 117 houses, 3 shops, 1 dhurumala. At 9 m. Ohemohner, 76 houses, 2 shops. At 10 m. 1½ f. Jasetipoor, 88 houses. At 10 m. 0½ f. Waree. At 12 m. 0½ f. Koolooroo, 600 houses, 2 shops. At 14 m. 2½ f. Goraloo, 160 houses. Made road from Kolapoor joins on left.
		13 Marches.							

NOTE.—The made road from Belgaum to Sattara by Kolapoor is shorter.

	m. f.	Vide Table No. 70
Belgaum to Kolapoor.....	60 2½	
Kolapoor to Sattara .....	76 4½	172
Total.....	145 7½	13 Marches

TABLE No 77.

FROM BELGAUM TO SAWUNTWAR, BY THE PARPOLE GHAT.

GENERAL DIRECTION W

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Belgaum District, Belgaum	Political Agent at Belgaum	Belgaum to Dhone by Belgaum R. F. 2	10	8	Muddy road for 6 miles the rest cleared	Abundant	Abundant	<p>Table No 78 (1)</p> <p>A large town residence of the Political Agent in a good quarter of the Belgaum town. In the night, travellers, including; Post and Telegraph offices. All the 1/2 of the town house cover 80 yards broad, had along banks in. At 8 m 44 f. Station, 7 houses water from wells, no supplies. At 8 m 54 f. crossed 15 yards broad by 1 mile; banks by. At 4 m 1 1/2 f. Roadside, 100 houses, water from wells 3 days. At 4 m 41 f. Kandharan. There are houses 1 day water from river. At 8 m leave the main road to Vengale.</p>
		Total		64	64			
		6 Mares						

TABLE No 78 (1)

FROM BELGAUM TO SHOLAPOOR, BY KALUDGHEE AND BUREJAPPOOR

GENERAL DIRECTION NW, N &amp; E

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Belgaum District, Belgaum	Collector at Kaludghee.	Belgaum to Khatola to Kaludghee	4	54	Road	Kaludghee river	8 steps	<p>Table No 79</p> <p>80 houses, 8 temples and a dargah on the left bank of the Kaludghee river, crossing the ground on either bank; the first after the beginning of November is easy; river 80 yds to bank, and muddy bed, crossing by ground on either bank. From the two small villages of Belgaum at 2 m 17 f. and 3 m 54 f. there is a small cut from the town of Ka- ludghee to Belgaum. At 8 m by a difficult and bad road and water is not so good.</p>
		Kandharan		78	14			
		Belgaum	10	54	89	89		
General Officer Commanding Belgaum District, Belgaum	Collector at Kaludghee.	Corrected river -		86	86	Water always from 8 wells	Dargah	<p>80 houses; good from the travellers; crossing the ground 8 of the village close to the road the Kaludghee and join the Kaludghee and Belgaum cleared road at this point. At 8 m 1/2 f. good house; bad water. At 8 m 89 f. houses; Belgaum; Dargah good from the water. There is another road to Belgaum from Kandharan. At 11 m Kandharan river at Khatola at 5 m 4 f. and closer to Belgaum, 11 m 7 f. the little road rough and steep.</p>

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles. Furlongs.	Miles. Furlongs.				
Collector at Kalyandurg.								
		Brought over .....	...	88 0				
		Balotee .....	0 3	88 2	Cleared and good	From 3 wells, and the Krishna river.	1 shop .....	A village of 123 houses, and a chowree, on the N. bank of the Krishna river; encamp in plain, close to village, also on the S. bank in a black soil plain. The river here is three-quarters of a mile across by the ford, though not more than half a mile from bank to bank. It is fordable about the end of December, though at that time it would be deep; and the bed being full of immense stones, it would be very difficult until the ford is cleared, which will be necessary yearly after the monsoon. After this, however, a regiment marching from the last stage on either side is able, without difficulty, to cross at once, and encamp on the other side, after January. The banks are sloped down and easy, and the ford marked by stones. Balotee, a small village of 75 houses, is on the S. bank.
		Moolwar .....	13 0	108 2	Cleared road, soil black; in many parts country a good deal cultivated about the villages; an extensive undulating plain.	13 wells and nalla; water very good.	A few shops .....	270 houses, and a chowree; encamping ground SE., very stony; but sufficient good ground for a regiment to be formed in an irregular and confined camp is to be found close to the village among gardens, trees, and wells; there is also good ground, with water, about 1½ m. before reaching Moolwar, in a top of trees, through or near which the road passes. At 6 m. 1½ f. pass Asungee, 180 houses, and 3 wells. At 9 m. 2 f. Malghum, 73 houses, and a few wells.
		Beelpoor, south side. P.	15 2	123 5	Ditto .....	Abundant .....	Good bazar .....	Large rainous walled town; formerly the Mahomedan capital of the Dekkan, celebrated for the splendid tombs of its kings; troops may encamp near Ebrahimpoor, or on the W. side, or in the Now Bagh inside the town. The latter is most convenient as regards water, supplies, and shade, but is difficult of approach. At 6 m. 2½ f. pass the Hullee nalla, muddy and difficult after rain, water not good. At 8 m. 7 f. Waraman and Hullee, two villages on either side of the road. At 11 m. 2½ f. Joommal, 180 houses; good open ground for encamping. A few shops, several wells, of which one is good, the others rather brackish. Pass Ebrahimpoor, a small village close to the south gate.
		Turgoondee .....	12 4	135 1	Ditto .....	From a nalla, throughout the year.	Only one shop, but supplies may be had on due notice.	80 houses, and a chowree; encamp in plain near the village. Pass a garden with wall, at 2 m. 7½ f. At 5 m. 4½ f. a nalla, and at 7 m. a few huts.
		Hortee .....	8 8	144 4	Ditto .....	9 wells, and a nalla with water, plentiful throughout the year.	A few shops, kurbee procurable, and supplies moderate on notice being given.	145 houses, some temples, and chowree; encamp near the road, in stony and rather confined ground; a cultivated undulating plain. At 3 m. 3½ f. pass Agumal, and cross nalla, with easy ascent and descent, to the encamping ground on the north bank, about 20 houses, good water in the nalla up to April. This is a very good halting-place in the cold weather, but after March the water is scarce.
		Bullee .....	8 8	153 0	Ditto .....	6 wells, and nalla; water procurable from jeeras in the hot weather, in abundance.	Supplies and forage procurable on due notice.	On the left of the road, 180 houses; encamp N. of the village, ground high and good. At 5 m. 1 f. Kopa Noemburgoo, 11 f. right; about 80 houses, water from 4 wells and a nalla, the latter very close and good to April; encamping ground stony; near the road. At 6 m. 1½ f. Gomdawan, 45 houses, and a chowree; a nalla with good water all the year, but no supplies; encamping ground right of road, near nalla.
		Carried over .....	...	153 0				

Authority		Name of Station	Distances		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Parasangs	Miles	Parasangs			
General Officer Commanding Frontier Division, Poonch	Collector of Kishtwar	Brought over			180	0			
		Taken	18	45	108	45			
		Warchhal	8	20	176	0			
		Wingapore Fort Gate S E	10	8					
		Total			184	5			
		16 November							

**Warchhal**

On the river bank, some 1/2 mile from the river, is a small lateral gully, above is the road. Part of it is 4 1/2 miles, the house, occupying near road, four walls. Alt 11 = 1 1/2 miles. 40 houses on a ridge with water at the year, also from three other places for the camping. At 6 = 1 1/2 road branches off to Baidry. Alt 11 = 3 1/2 miles. Baidry on the right, at 1 1/2 miles from the road. 70 houses, one or two above water from the river, occupying ground between road and village in and treated place. It is 1/2 mile from the road, the road leads to bank

TABLE No 78 (2)

FROM BELGAUM TO SHOLAPOOR, BY BYBAUG, AHNAPPOOR, AND HUTNEE.

GENERAL DIRECTION, EE H H

Authority.		Access or Easage.	Distances.		Road and Soil.	Water.	E equire.	Remarks.	
			Ridge.	Total.					
Acreage.	Civil.		Miles.	Fathoms.	Miles.	Fathoms.			
Continental Office. Cambridge, Mass. Lithgow & Co.	Collocation at 3rd ground.	Hingham Port (North) Cut) to Beacon Battery	10	4	10	4	Made for 8 miles.	I well.	None.
		Current over			10	4			40 houses. At S is 24 1/2 pass 5 cottages, 22 houses and a wall. At 4 m N is lighter or Kabin, 200 houses 4 shops and wall. At 6 m N / Manchester 12 houses, in a cellarated place with a constant supply of water. At 7 m ocean to the National River, which always has water, 90 yards wide steeply rising gradually and sandy bottom. At 9 m 4 / continued on second, which was higher for 2 / and at 10 m past Manchester, 12 houses and a wall - he supplies all the best produce.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding Belgaum District, Belgaum.		Collector at Belgaum.	Brought over.....	10	4	Country road, soil gravelly and sandy.	Gutpurba river	3 shops	500 houses, and gurhee; encamping ground W. of the town. At 1 m. 4 f. commence a descent. At 4 m. pass Jalampoor, 100 houses, and a well. At 7 m. 3 f. Jarekoloe, 8 houses, and a well. No supplies at these villages.	
			Wulmoore.....	8 5	19					1
			Sooltanpoor.....	8 3½	27	4½	Ditto	Hirakasse river.	1 shop	70 houses; encamping ground SW. At 2 m. 5 f. pass Ramunkuttee, 20 houses, wells, and river; no supplies. At 3 m. 4 f. cross Gutpurba river, 180 yards wide, sloping banks, gravelly bottom. At 5 m. 7 f. Honoor, 70 houses, on the Gutpurba river; water always. At 8 m. 2 f. cross the Hirakasse river, 70 yards wide, sandy bottom; water always. Hill fort of Palsargurh close to Honoor.
			Belad Bagwaree.....	9 3	36	7½	Black and red soil, gravelly in parts.	Wells and nulls	.....	At 3 m. cross a nulla with water always, 40 yards wide, sloping banks. At 8 m. 4 f. a road turns off to Eroor. At 4 m. 1 f. pass Kothagee, 60 houses, and cross a nulla.
			Boodhal.....	9 3	46	2½	Ditto	Nulla and spring.	.....	14 houses. At 2 m. 7 f. cross a nulla, banks sloping, 80 yards wide; always water. At 3 m. 2 f. Kubbore, 80 houses, 2 shops, 12 wells; encamping ground N. and S. At 5 m. 4 f. Mardegoo, 10 houses and 1 well.
		Political Agent at Kolapur.	Chinohlee (Maynakee)	10 3	50	5½	Road good; black and gravelly soil.	4 wells	25 shops	400 houses and a gurhee; encamping grounds. At 1 m. 2 f. pass Kuthurbullee, 25 houses, 2 wells; no supplies. At 4 m. 4 f. Ryhang, 300 houses, 13 shops, 20 wells; encamping ground SW. and E.; market on Mondays and Wednesdays. At 5 m. 4 f. cross Hulla nulla, 80 yards wide, sloping banks, water always.
			Aampoor	9 7	60	4½	Road good; black and gravelly soil.	1 tank	10 shops	450 houses; encamping ground SE, a cultivated plain. At 5 m. 1 f. pass Koorchee (Bajako), 800 houses, 13 shops, on the Krishna river; encamping ground in fields, SE. At 6 m. 5 f. cross the river, 600 yards wide, banks very steep, basket boat for crossing until December. At 8 m. 4 f. cross Harobhulla nulla, 60 yards wide, sloping banks, water constant.
			Hutnee P.	11 7	78	3½	Ditto	30 wells	70 shops	1,000 houses; encamping ground SW, or in a large tamarind grove, to the E, with a fine well in a temple close. At 3 m. 4 f. pass Kutral, 15 houses, a well; no supplies. At 6 m. 1 f. Tungree, 30 houses, on the Ugurree river, which is crossed here, 180 yards wide, banks 14 yards deep. At 8 m. 4 f. Seenal, 18 houses, and a nulla; no supplies; cultivated plain.
			Gogwar	12 0½	91	3	Ditto	3 wells	None	50 houses, in a cultivated plain. At 2 m. 1 f. pass Bhagurtee, and cross a nulla, with water always, 80 yards wide, and sloping banks. At 5 m. 1 f. Purnabullee, 180 houses, 10 wells. At 6 m. 5 f. Goodawargee, 125 houses, 8 wells; no supplies at these two villages. At 10 m. 3 f. Belgaree, 70 houses, and gurhee, 1 shop, and 7 wells. At 12 m. 4 f. cross a nulla, 18 yards wide, sloping banks, water for about months.
			Carried over.....	103	5½					
General Officer Commanding Poona Division, Poona.		Collector at Bhatnagar.	Just P.	13 3½	103	6½	Ditto	15 wells, nulls, and spring.	16 shops; market town	600 houses and gurhee; encamping ground NE. At 1 m. 4 f. cross a nulla difficult for carts; water for seven months. At 4 m. 7 f. Biloor, 231 houses, 5 shops, 8 wells. At 6 m. 7 f. cross a nulla, 16 yards wide. At 10 m. 4 f. Mullal, 10 houses, nulls, and spring.
			Carried over.....	103	5½					

General Office Commanding Puerto Division, Puerto.

Authorities		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military	Civil		Stage	Total				
			Miles.	Perchages.				
			Miles.	Perchages.				
		Brought over	100	5				
		Karapungun	7	5	Good road; black soil; well drainage.		Some	70 houses; and gardens; occupying ground E. Leaving 70 ft above a mile; and 1 m. 1/2 above another 20 yards wide, and at 4 m above these 20, 15 yards wide.
		Doled	12	5		7 wells	3 shops	120 houses; occupying ground SW. and SE. At 3 m. 1/2 the Pepper Kauru (Giant) begins; a steep and generally road, which continues for 1 1/2. At 1/2 from the point above a mile, 20 yards wide, water for eight months. At 3 m. 4 f. Chomara, 10 houses, 4 wells, mills, and springs. At 4 m. 6 f. Katal, 5 houses, 3 wells, and a mill. At 5 m. 8 f. Kauru, 5 houses, and a well. At 7 m. 8 f. a series of 8 houses, with a mill. No supplies at any of these places.
Collector at Maricao.		Maricao	15	0		8 wells	2 shops	150 houses; occupying ground SE. and SW. At 3 m. 1 f. above a mile, 15 yards wide, generally bottom. At 4 m. 8 f. Lavepa, 50 houses, 4 wells, in a cultivated plain; no supplies. At 5 m. 3 f. Barra Salga, 45 houses, 1 shop, 8 wells. At 7 m. above a mile, with sloping lands. At 8 m. above Salga, and above a mile, 70 yards wide, sloping lands. At 10 m. 1/2 above a mile, with water always, 30 yards wide, sloping lands.
Collector at Maricao.		Palma	30	8	Good road; black soil. Brown river		3 shops	75 houses; occupying ground E. At 3 m. 8 f. pass Maricao river, water for two months, 60 yards wide, with sloping lands. At 4 m. 4 f. Katal, 8 houses, mills, and springs; no supplies. At 5 m. 8 f. above a mile, and at 6 m. 5 f. above miles with sloping lands, 30 and 35 yards wide, with water for seven and eight months. At 10 m. 8 f. pass Durero, 50 houses, on the Maricao river, which is crossed at the end of the stage by a rocky ford, 120 yards wide, with high lands.
		Palma	15	5			1 shop	50 houses; occupying ground SW. At 3 m. 2 f. pass Durero, 50 houses, and a well; no supplies; cultivated plain. At 5 m. 7 f. above a mile, 15 yards wide, with water for six months. At 11 m. 8 f. Chomara, 40 houses, and a well; no supplies. At 13 m. 8 f. above Barra Salga, 120 yards wide, difficult for carts.
		Chomara (T. & A. R. F.)	8	8				Town, fort, and encampment; head quarters of the Chomara; travelers' hangover, Post office. At 8 m. 7 f. pass Barra Salga, 40 houses, and a mill, with sloping lands, 120 yards wide, which is crossed. At 8 m. 8 f. Durero, 125 houses, in a cultivated plain; 3 wells, but water salt; supplies mostly from 3 shops.
		Total	100	1 1/2				
15 Maricao.								

Note—The best road to Maricao in every way is that given in Table No. 73. (1)

TABLE No. 79.

## FROM BELGAUM TO SUDASHEWGHUR, VIA HULLIHAI, SOOPA, AND THE SINGAYWAREE GHAUT.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.		Total.					
			Miles.	Furlongs.	Miles.	Furlongs.				
Military.	Civil.									
General Officer Commanding Belgaum District, Belgaum.	Collector of Casmere as Karwar.	From Belgaum Fort gate to Hullihal.	...	...	60	23	.....	.....	.....	Vide Table No. 69. (1)
		Burchee nulla .....	12	34	63	51	Made road, nullas bridged.	Plentiful .....	None .....	A nulla 36 yards broad; good and extensive encamping ground on either side of the nulla. At 2 m. 24 f. cross the Dongree river (bridged); a made road to Yellapoor branches off to the left. At 2 m. 64 f. Kaseeroole, 3 f. to the left, 50 houses. At 4 m. 3 f. Algaum, 8 f. to the left, 10 houses. At 4 m. 72 f. Doneegayree, 2 f. to the right, 8 houses. Country covered with jungle.
		Soopa .....	11	0	73	51	Ditto nullas bridged.	2 wells and Kallee river.	2 shops, source	A village at the junction of the Kallee and Pandree rivers, 60 houses, Mamutdar's kutcherry, and branch Post office; encamping ground to the S.E. of the village. At 1 m. 44 f. Harreygalloo, 8 houses. At 3 m. 14 f. the made road to Jungulpet branches off to the right. At 6 m. 24 f. cross a nulla 8 yards wide. At 6 m. 64 f. Awroyd, 10 houses. At 7 m. 1 f. cross a nulla. At 10 m. 24 f. the made road to Tinny ghaut branches off to the right, cross the Kallee river to Soopa; two small boats here in the rains. Country jungly from Harreygalloo; low ranges of hills run on both sides of the road.
		Koomarwarra .....	10	0	80	51	Ditto .....	3 good springs of water.	3 shops, source	10 houses; good encamping ground to the SW. of the village. At 3 m. 5 f. cross a nulla 15 yards wide. At 3 m. 72 f. Mool-kundee, 3 f. to the left, 15 houses. At 4 m. 64 f. cross a nulla, 10 yards wide. At 5 m. 4 f. cross another nulla 20 yards wide, bed sandy, banks easy, causes delay for an hour or two after heavy rain. At 7 m. 4 f. Shamjora, 2 f. to the right, 10 houses. At 8 m. cross a nulla. At 8 m. 64 f. Tolwarree, 5 houses. At 10 m. 4 f. Doeglow, 1 f. to the right, 6 houses. At 13 m. 4 f. cross a nulla 15 yards wide. At 14 m. 8 f. Koorwattee, 2 huts. Country jungly and hilly.
		Hansi .....	13	24	108	0	Made road, nullas bridged.	Plentiful from spring.	None .....	8 houses; encamping ground N.E. of village. At 3 m. 41 f. cross Noomjee river, 60 yards wide, bed stony, banks easy, water always, no fordable during the rains. At 7 m. 24 f. pass Noongia, 80 houses. At 9 m. 14 f. Noongachewarree, 0 houses. At 11 m. 4 f. cross Pakhole nulla, 21 yards wide, bed stony. At 11 m. 34 f. cross another nulla, 15 yards wide, bed sandy, banks easy, delay for about an hour after heavy rain. Country jungly and hilly.
		Borny .....	10	34	113	81	Made road, nullas bridged.	3 springs and Kallee river.	Ditto .....	8 houses; good encamping ground to the SW. of the village. At 3 m. 64 f. Burrep, 8 houses. At 3 m. 72 f. cross a nulla, 14 yards wide. At 4 m. 4 f. the descent of Singaywaree ghaut commences, easy, which extends for 4 m. 44 f. At 9 m. 41 f. cross Saklee river, 75 yards wide, bed stony, banks easy, water always. Country hilly and jungly.
		Carried over .....	...	...	118	81				

General Officer Commanding Belgaum District, Belgaum.

Collector of Canals in Kanwar.

[illegible]

TABLE No 80 (1)

FROM BELGAUM TO VINGORLA, BY THE PARPOLED GLAUT

GENERAL DISCUSSION W

Antenna		Distance		Head and Soil	Water	Supply	Remarks		
MB	Grill	Stage	Total						
		W. Ind.	Exchange	Miles	Percentage				
General Officer Commanding, Belgian Division, Belgium	Collector at Hainaut	Belgium: Part Gift to Alderson		60	7 1/2	Made road	<p>Two Table No. 7 (1)</p> <p>A town with (narrow) houses; Part and Telegraph office. At 11 1/2 p.m. 1890. 7 houses water from wells, no supply. At 11 m 4 1/2 houses 4 houses 2 1/2 x 5 1/2. 1890 houses 1801 houses 11 1/2 m 1/2. 1890 houses water from wells, 4 shops. Part through 11 a town of Vignac by the main street to the (narrow) houses which is near the end. The first is nearly opposite. The houses at 1 1/2 a further on end of approximately a good water road. There is a sleeping house with land beyond and on the 1 mile 11 is a room for sleeping houses heavy houses. The houses at 1890 end on the 11 a small (narrow) under the stone for about six hours in every table; houses 1890 houses on roads longer. Houses across in 10 with a three-quarter of a mile of the house road. The houses are small and improved in the 11 1/2 hours of the 11 1/2 gals. House coffee, houses and houses are in 11 at Vignac, and generally on the 11. For a large number of 11 and 11, must be made to 11 gals. On 11 and 11 houses 1890 houses in the old construction.</p>		
		Vignac: 1890	11	5 1/2		11			
		Total				72		4 1/2	
	7 March								

**Notes**—Payment encumbrance records have been marked out at all the stages.



TABLE No. 80. (2)

## FROM BELGAUM TO VINGORLA, BY THE RAM GHAUT.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Single.	Total.						
Military.	Civil.		Miles.	Furlongs.						
General Officer Commanding Belgaum District, Belgaum.	Political Agent at Sawant Warce.	E. Gate of the Fort of Belgaum to Banda.	...	...	57	3	Made road not kept in repair.	.....	.....	vide Table No. 72. (3)
		Tulwara .....	10	6	68	1	Ditto The country below the ghaut very undulating and hilly.	Wells and river ...	Several shops.	Encamping ground on either side of the river, in good ground, with fine trees. Pass the villages of Sorla, Yotail, and, at 6 m. 6 f., Malignam, a few shops, and water. Sawant Warce is 8 m. N. of this, and a made road branches off to it, also the cross-road to Bairoa.
	Collector at Rainghergherry.	Vingorla Bunder ... R. P. T.	9	4	...	...	Ditto	Abundant	Abundant	Leaving Tulwara, cross the Moohamar creek; fills quickly in the rains, but generally fordable. At 4 m. 2½ f. commence ascent of Toolsee ghaut, is rather more than half a mile in length, and easy for carts; descent 1½ f. also easy. The village of Toolsee is at the foot, on the E. side. Pass the old encampment of Vingorla at 5 m. 7 f.; encamping ground very extensive, hard, and open. Pass through the town of Vingorla by the main street, to the travellers' bungalow, which is near the end. The fort is nearly opposite. The bunder is 1½ m. further on, and is approached by a good made road. There is a sloping but difficult landing-place, and, on the bunder, there is a crane for slinging horses, heavy baggage, &c. Pattamars of 220 candles can lie close alongside under the crane for about six hours in every tide; smaller pattamars can remain longer. Steamers come in to within three-quarters of a mile of the bunder head. The harbour is small, and exposed to the full force of the S.W. gales. Hamalla, coolies, tattoos, and bullocks can be had at Vingorla, and generally carts in moderation. For a large number application must be made to Belgaum. The rivers and water-mills on this road are so numerous that it is found a convenient plan to throw causeways across them for troops marching in the cold weather; this is done easily, and at a trifling expense, the materials being at hand.
		Total...	...	...	77	6				
		8 Marches.								

TABLE No 81. (1)

FROM BELGAUM TO VIZIADROOG, BY NERUPANEE AND THE PHONDA GHAT.

GENERAL DIRECTION, N.W.

Authorities		Names of Stages.	Distances			Road and Soil	Water	Vegetation.	Remarks
			Miles.	Perch.	Total.				
Military	Civil								
General Officer Commanding Belgaum District, Belgaum	Collector of Belgaum	Belgaum to Nerupane		44	01	Gravel road			Side Vahle No 70
		Pondole	88	01	100	Gravel road without bridges or drains			Date No. 75 (1)
		Perampore	9	7	110	Gravel road	8 walls and walls 1 step		180 houses and a Government Government for travellers good surrounding ground to the right of road and S of the Government. At 1 1/2 yards from 1 centre across the Drongar river 70 yards wide banks low but steep and 60 ft. high for water delay of the lower side heavy rain At 4 1/2 p.m. a few huts. At 5 p.m. 4 1/2 p.m. 40 houses 18 walls At 5 p.m. 8 1/2 p.m. road to Nerupane branches off to the right and feet-hills in Kumbharie in the left At 5 p.m. 11 1/2 p.m. a temple At 5 p.m. 8 1/2 p.m. 18 houses 8 walls Country hilly as far as Ghumad.
		Wagotia (travelled) 11	10	05	121	Do	3 built and 1 built steps walls		The village and border of Wagotia is a mile to the right, 80 houses and Government. The border is very good; across the river some steep alongside without any difficulty; the banking place is this good surrounding ground for a wing near the border on the banks of the Kharapetia river At 4 p.m. 9 p.m. a small Government. On shore 18 huts, and a wall At 4 p.m. 8 1/2 p.m. another wall of good water At 5 p.m. 8 1/2 p.m. a short descent Country partly upon and partly hilly
		Yamadring	18	3		Do	40 walls	40 steps	300 houses 3 temples on 1 foot on a track of land on the south side of a border of small desirable extent Walls strong but are rounded by two hills on which are the remains of batteries Anchored in the river for large ships well in 100 yards of the NW and SE shore The entrance of the harbour wide and no bar. Kumb and S of it is about 8 feet surrounding ground hard and steep south of the village. At 1 p.m. 4 p.m. 40 houses 18 walls 1 low side water from north. At 7 p.m. 8 p.m. 8 1/2 p.m. to the right 20 houses 6 walls 1 step. At 8 p.m. 8 1/2 p.m. across a broad 200 yards long and 30 yards wide At 8 p.m. 1 p.m. across another broad about a fishing in length. At 9 p.m. 8 1/2 p.m. Government or Nerupane broad 40 houses 3 walls At 11 p.m. 6 huts, water Dear wall At 12 p.m. 8 1/2 p.m. a wall of good water Country hilly
		Total			188				
		18 Marches							

TABLE No 81 (2)

FROM BELGAUM TO VIZIADROOG, BY AJRA AND THE PHONDA GHAT.

GENERAL DISCUSSION, NW

Authorities		Names of Stages.	Distances.		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles.	Fathoms.	Miles.	Fathoms.		
General Officer Commanding the Belgaum District Belgaum	Collector at Belgaum	Belgaum to Daps post		83 24	An old cleared track 1st out of repair and very difficult in parts			File Table No. 78 (2)
		To Pochas	17 84	81 24	Good road without bridges or daps			File Table No. 76 (1)
		To Varambeng	26 71		Cleared road but not kept in repair			File Table No. 80 (2)
		Total		117 11				
		11 Mares						

TABLE No 82 (1)

FROM BHOOT TO BALMEER, BY BHEYLA, NUGGUR PARKUR, VERRAWOW,  
AND CHOTUN.

GENERAL DISCUSSION, NW or S

Authorities		Names of Stages.	Distances.		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles.	Fathoms.	Miles.	Fathoms.		
General Officer Commanding the Belgaum District Belgaum	Collector at Belgaum	From Bhoy Ghat near to Pochas	9 7	9 7	Feasible road	From a large tank, 4 m. S. of the source is not good for cattle	4 sheep	100 houses; good occupying ground to the S and N of the tank. At 3 m S/ N. 1/2 m. S. near a small village on the Pochas river, which crosses At 5 m S/ a dike with a good wall
		Kanyalim	10 84	28 84	Good but sandy, road over local country	good wells in the valley fed by trees and S tanks dry in February	Moderate sheep	A small village good and high occupying ground to the west near the wells At 5 m S/ 1/2 m. S. of the wells At 10 m S/ 1/2 m. S. the supplies and a large tank of good water Country covered with low jungle
		Dandya P.	9 8	80 04	The first 5 m. of the road, the rest good.	more as wells some houses S tanks feeding S mouth	Moderate sheep.	1000 houses and a small tank (S/ 1/2 m. S.) good occupying ground 300 yards north, also to the east At 7 m S/ 1/2 m. S. of the wells place At 5 m S/ across a river with broad sandy bed, and low banks Country made along, with patches of low jungle
		Cutted over		80 05				



TABLE No 81 (2)

FROM BELGAUM TO VIZIADROOG, BY AJRA AND THE PHONDA GHAUT.

GENERAL DIRECTION NW

Authorities		Names of Stages.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage.	Total.				
Military	Civil		Miles.	Packings.				
General Officer Commanding for Western Division Belgaum	Collector of Belgaum	Belgaum to Dap- pur		88	34	An old cleared track but out of repair and very difficult in parts		Plate Table No. 74. (2)
		To Poonie	17	64	01	24	Made road without bridges or ditches	Plate Table No. 75. (1)
		To Vandieng	25	74			Cleared road but not kept in repair	Plate Table No. 81. (1)
		Total		117	12			
		11 Marches.						

TABLE No 82 (1)

FROM BHOJO TO BALMEER, BY BHEYLA, NUGGUR PARKUR, VERRAWOW,  
AND OHOTUN.

GENERAL DIRECTION, NE BY N

Authorities		Names of Stages.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage.	Total.				
Military	Civil		Miles.	Packings.				
General Officer Commanding Northern Division Ahmednagar	Political Agent in Kutch at Bhuj	From Bhuj Com- mission to Pablik	8	7				100 houses, good occupying ground to the S and N of the track At 3 = 3/4 Mub- pur a small village on the Pablik road which crosses At 5 = 3/4 a Mubpur with a good well
		Karyabhai	10	64				A small village good and high occupying ground to the east near the wells At 8 = 1/4 across a wide valley At 8 = 1/4 Thane the supplies and a large tract of good water Country covered with low jungle
		Doodya P	8	8				1000 houses, and a small good and good as occupying ground 900 yards north, also to the east At 7 = 1/4 Doodya no sup- plies At 8 = 3/4 across a river with broad sandy bed, and low banks. Country well littered with patches of baked jungle
		Current over		80	64			

Authorities		Name of Region	Distances		Road and Soil	Water	Supplies	REMARKS
Political	Civil		Stage	Total				
Miles	Parasangs	Miles	Parasangs					
General Officer Commanding Northern Division Almora-Gangotri Political Agent at Kathak, at Nainital								
Brought over			80	05				
Poonch	7	6	87	44	Good road, occasionally heavy mud and crossed by jungle	Absent, from valley and a large hill which covers the	Absent	A small village, containing ground 11 good but low. At 3 m. 3 f. Mountains about the water, and 11 stages. At 4 m. 3 f. Bamtharwa 70 houses. At 8 m. 3 f. Amirwa 180 houses. 12 stages and walls. Country level and partially cultivated with patches of jungle.
Chowkhar	18	6	105	11	Good dirt road, over the country.	80 walls, and good mud trail. 80 of the walls contain half drinking water.	Large supply of curries and bullocks, sugarcane stages, and moderate supplies	200 houses, in a cultivated country, occupy near the trail. At 1 m. 4 f. from Nainital, a small village, containing ground on the N. 45 walls, of which about half are headlands; a track which leads to the north, a few stages, and moderate supply of curries and bullocks. At 8 m. 3 f. Poonch, 50 houses, 3 trails, a milk trail and a few stages. At 18 m. 1 f. Nainital, a large village of 180 houses. 30 stages, a trail, about 80 good walls, and 10 head lands. Country between Poonch and Nainital, thick and hilly. At 15 m. 3 f. a river 100 yards wide low lands sandy soil, no water and heavy road across. Country open between Nainital and Chowkhar.
Jeera	12	8	98	41	Good dirt-road, the whole way, over a flat country.	40 walls, 80 walls of 25 of Good headlands.	Moderate supply of curries and bullocks, no supplies except what are brought from the river, the capital of Poonch, and elsewhere	180 houses, on rising ground, occupy W. At 3 m. 3 f. the small village of Kathak to left 800 yards, 30 houses. 30 m. 3 f. 2 miles. At 6 m. 3 f. Bamtharwa, 75 houses. 3 stages, 30 walls, and a river east of it. 300 yards wide with a bed of red sand, and banks hilly, only surface water in the season. Pass several small hills to cross the and 12 stages. At 18 m. 3 f. and at 8 m. 3 f. two miles which have always water, to the right a thick jungle, which continues to Nainital, at 12 m. 3 f. 4 houses. 1 trail, 4 walls; a small dirt on a hill. Country near open river. 800 yards from village about 60 yards wide and level but water in the river only. The country near Jeera is low, and the river approaches a width a mile.
Riv	6	04	78	8	A good road, but sandy all during the rains and heavily passable for that period. The rubbish is carried in the dry season or collected being over a flat country.	30 walls, 4 walls	7 stages	Three small villages called Riv, 179 houses on a small river, which is dry in the dry season. Country open all the way.
Damtharwa or Naini Tal	8	04	86	44	Good road over a flat country but hilly in the rains and then heavily passable for wheeled carriages.	12 walls and two walls, one of which is made the village all the walls are good.	16 stages no drinking supplies.	180 houses, occupying ground on all sides of it. At 4 m. 3 f. from Jeera, 80 houses, small trails on each side of it.
Khatwa	18	7	104	34	Good road in the dry season but the hills of Nainital are for curries in the rains.	80 walls (mostly baked), 30 walls and a river with a little water in it, but headlands a large tank, called Bagmat, 3 m. 3 f. and close to the River 36 of the 40 head walls contain good water.	16 stages grain and these in abundance.	200 houses and the ruins of three forts and of a walled town on the River river which is narrow and very rocky but dry in the dry weather. Country wild and unproductive except N. of river. At 1 m. 4 f. water the River which contains the 8 m. At 8 m. 3 f. from Jeera, 179 houses, a small river on each side of it, country hilly. 79 stages. 3 walls. 30 walls (some of them large) which are in Jeera. At 20 m. 4 f. from the Dehra river, 60 yards wide but small stream, a descent in rains.
Carried over			94	35				

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Postage	Miles	Postage			
General Officer Commanding And District, Karamnagar	Political Superintendent Tharr and Pucker, at Chomachia	Brought over			94 2½				
		Kachin	91	4	185 6½	Good across the Kachin road, but not in a small tank	Good from 2 wells, 1 from a small tank	Barley, 4000	Country near Kachin level, generally covered with long grass and then jungle. At 3 m from Kachin, reach the N bank of the Kachin, and at 4 m S of the N bank, the Kachin, on the Kachin side, has hardly any perceptible fertility, but on the Pucker side there is a bank of one or two feet, a detachment of Artillery from Kachin, with a 12-pr howitzer and a 6-pr, marched across from Kachin to Kachin at 12 hours, on the 11th September 1918.
		Waggar Pucker	5	0	191 4½	Cleared road through a sandy and rocky soil and level, generally with thin grass and jungle	Abundant from 2 wells, and a small tank	Modest, 2000	Two roads lead from Kachin to Waggar; one round the right of the Kachin hills, the other between two portions of it, the former is the best, and road, by which, the other is shorter and quite practicable for motor traffic; it is also tolerably open, the hill on either side being 200 or 300 yards distant. After passing through or round the bank of the Kachin, the road leads under its N face to Waggar which contains about 200 houses, chiefly grass huts, and is surrounded by a dry thorn hedge along under the hill. Road office, occupying ground N.E.
		Vasavoor	11	5	202 10	Good hard road, cleared.	Abundant from 2 wells, and a small tank	Modest, 2000	The first 10 miles rocky, and sloping gradually down to a low ground, partially under water in the summer, about half way the road leads between some low ranges of rocky hills, by which it is a little outland, under these hills on the right and left of the road are the small Kachin villages of Dugan and Belday. The road thence passes round the left of a large swampy tank, about a mile long to the S. of Vasavoor, which is the largest place in Pucker and contains about 200 houses and a small round tank fort. It is surrounded by a dry thorn hedge, and is on the verge of the sandy desert, the suitable swimming place is at a Pook office, Pook thence Mookachin's office, Chomachin, and school.
		Kachin	18	5	220 15	A winding and heavy axle wall between and over sandhills, covered with coarse grass and low jungle.	Good water from 2 wells, one kachin well.	None	18 miles At 4 m S of pass Kachin, 10 kachin, one wall of kachin water; no supplies. Some rocky hills near Kachin, on the left sandhills and jungle, but not very high or difficult. At 15 m pass Kachin, 8 houses and a kachin wall of good water; no supplies. Road and country as before; across four sandhills in the last mile.
General Officer Commanding Mhow District, Mhow	Political Agent at Indrapur	Kachin	18	0	202 15	Ditto	A kachin wall off kachin water	Ditto	10 houses At 8 m S of pass Kachin, 10 houses, good water from a kachin wall, sandhills covered with grass jungle, and scarcely any trace of a road, which leads across the sandhills At 4 m S of Kachin, passes rather of these villages has supplies.
		Indrapur	16	5	218 4½	Ditto	1 pack wall of good water, 100 feet deep	Ditto	20 houses At 3 m S of pass Choral, 20 houses, 1 shop, 1 kachin wall of good water. At 6 m S of Vasavoor, 20 houses, and a kachin wall of good water. Country as before. Cleared road from Kachin to Vasavoor.
		Indrapur	11	0	229 4½	Ditto	1 pack wall of good water	None	21 houses, road running between sandhills At 5 m S of pass Indrapur At 7 m S of pass Indrapur At 10 m S of Kachin At 15 m S of Kachin: These villages have each
		Carried over			229 4½				

Artificiality		Form of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Exchange	Miles	Exchange		
General Officer Commanding Mhow Division, Mhow		Brought over			200	4		are well but no supplies. From Jaipur to Kothari the country was deserted when the road was surveyed in March 1844, in consequence of want of rain, road through a desert jungle.
		Chakra	16	4	216	4		Chakra is a small village at the mouth of a ravine on the S. side of a rugged, isolated granite hill of an irregular quadrilateral shape, ranging some 1,200 feet above the plain, and nearly inaccessible. It has five springs of water, two on the western and three on the eastern side all high above the plain. The head is in the ravine, above the village, and has a small stream of pure water. These springs are not visited by pilgrims; there are many small temples about them. At 8 m. S. of Chakra, 25 houses, 1 shop, and a pusha wall of good water.
		Deodars	8	4	224	8	Date	One pusha wall of some good water.
		Leah's Tank	10	4	234	6	Date	A large tank near the hill.
		Belasner	10	0			Date	8 heads and 4 large Motas water was carried (the other tank) for 70 to 100 feet deep.
		Total			540	4		
		30 March						



TABLE No 82 (2)

FROM BHOOJ TO BALMEIR, BY VERRAWOW, TAMPDE, AND GURRA, ON THE LOONEE RIVER

GENERAL DIRECTIONS, &amp;c. BY H

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	REMARKS.
			Stages	Total.				
Military	Civil		Miles	Fathoms				
General Officer Commanding Mad Division, Kharwar	Political Superintendent Thar and Poonch, at Comankh.	Distances of Bhooj to Verrawow		142	11			See Table No. 82 (1)
		Gurra	11	8	Good cart road, the first half unimproved by mules of Bhooj, the remainder hard and stony and	Good but not abundant, from tanks and pits in their beds	None	On the left 80 houses, excepting SEW from 2 to 7 f. The houses on this road given by three acres, and one in some places be a road off by distance to the left
		Wamlee	10	0	A hard level plain grassed, the first half unimproved, the second half unimproved, the road in the middle of the plain, but not so good as the first half, the first half of it is over a sandy and undulating plain.	Well-watered for a few miles, from several pits and to be found by digging a few feet	None	Wamlee is one of several places in the range of hills where water is found near the surface and where during the monsoon only a few waterless wells. At 3 = 8 f. Distance 80 houses on the left. The last 4 m. 4 f. leads across the hills which only in November is quite dry, by making a descent to the left it may be nearly all level.
General Officer Commanding Mad Division, Kharwar	Political Agent at Jodhpore	Kyranee	19	0	Good the same	Good and abundant, from pits close to village and a large pool 1 m. 4 f. SEW	Scarcely	40 houses. In the monsoon, troops should encamp 8 or 4 m. W. of the village as the ground near it is mostly at this time. At 18 m. 1 f. comes a narrow branch of the Loonree with little water and sandy bed. The mouth of the desert runs along on the left, the head of the Loonree on the right
		Tampde	11	4	Good cart road through level country partly cultivated, grass abundant, jungle thin.	Abundant, from pits in the river and several wells near but slightly brackish in taste.	Plentiful shops	2000 houses, and a post from Jodhpore. At 1 = 8 f. Mithra 15 huts on right. At 8 m. 6 f. Kharwar 80 huts, on right. At 11 = 0 f. comes river Loonree on right to an encamping ground in bank of river. There is also some good ground among trees, near the bank and a short distance. The Loonree river is about half a mile to the right on the road and the mouth of the desert gradually approach till at Tampde they touch at it.
		Bedkarn	8	3	Cart road, first 3 m. heavy, sandy ground, then through hills and level country, partly unimproved, road very winding.	Abundant from river, 1 m. to N but brackish, good from wells near village and encampment	Scarcely	Reaches the river NE from camp by a tolerable ford, banks about 15 or 20 feet high, one foot of water over 30 yards wide. At 4 f. pass Tampde, on left. At 3 = 8 f. pass Doodra on left, 160 houses. At 7 = 3 f. Kharwar on right, 180 houses. At 8 m. 7 f. Bedkarn, on left 76 houses. From road at 8 f. NW is an encamping ground near some wells. The river is close to the right the whole of this road.
		Kayra	8	3	Cart road heavy and sandy, country unimproved and confined by jungle.	Abundant, from river, 1 m. to N but brackish, and very good also from some pits, and one well.	Scarcely	Reaches the river NE from camp by a tolerable ford, banks about 15 or 20 feet high, one foot of water over 30 yards wide. At 4 f. pass Tampde, on left. At 3 = 8 f. pass Doodra on left, 160 houses. At 7 = 3 f. Kharwar on right, 180 houses. At 8 m. 7 f. Bedkarn, on left 76 houses. From road at 8 f. NW is an encamping ground near some wells. The river is close to the right the whole of this road.
		Gadkarn	10	6	Tolerable cart road, some parts heavy ground and confined by jungle.	Abundant, from river, a little brackish and good from wells in villages of Gadkarn and Kharwar close by	Scarcely	At 7 = 8 f. Doodra 80 houses on Loonree. At 10 = 8 f. Gadkarn at 10 = 8 f. about 180 houses on the left, encampment half a mile N. by W. of village. The river Loonree is on the right on this road and the sand hills of the Thar on and near the left, encamping ground is close to the river.
		Grand total			322	7		

Activities		Name of Station	Distances		Road and Soil	Water	Supplies	REMARKS
Military	Civil		Miles	Total				
			Miles	Total				
		Brought over		238 71				
		Grass	8 0	238 71	Very heavy and deep road part of 8 chas under high sandhills	Abundant, from Abundant wells, some of them brackish and pits on the Loosne river	Abundant	200 houses, on the Loosne river, had many big ponds. The river is 800 feet wide low banks, but hard sand. At 4 1/2 hours 80 houses, on left. At 1 m 3/4 the river 40 houses on left. At 4 m 7/8 Abundant, 80 houses, on right. At 5 m 6/8 border 80 houses, on right. The road wide very much to avoid crossing the river, and adjacent fields, and has chas under them very light and steep sandhills. There is a good deal of wheat cultivation on the road.
		Chickadees	17 8	255 51	Bumpy but tolerable road over sand among low sandhills, with much jungle	Abundant Grass 1 chas well of brackish water, 120 feet deep	None	A few sheepskin hats on a ranch. At 1 m. 5/8 pass Dajur, 100 houses, 2 stages, 30 Indian wells. Country occupied of sand hills, with much jungle.
		Gulches	15 8	270 39	Ditto	1 well of brackish water	Ditto	A few hats, no beds. At 4 m. pass Makur, a good station, with some houses; 1 well of bad water. 120 feet deep. At 15 m. 1 chas, one well of bad water, 200 feet deep.
		Palmer	13 0		As before for 10 m. then a level and good road	Abundant	Abundant	At 10 m 1/2 pass Makur two small villages of 100 houses, with few wells.
		Total		274 39				
		to Maricao						

General Officer Commanding Military Division, Madras

TABLE No 83. (1)

FROM BHOJ TO DHESA, BY DOODYR, ARDYSIE, AND RAHDINPOOR.

GENERAL INFORMATION: 1.

Authenticity		Name of Stage	Distances		Road and Rail.	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		Miles	Packings				
General Officer Commanding Methuen Division, A.M.S.D.B.H.	Political Agent at Kohat, at Moyat	Head, Commandant to Peshawar Vaghar	18	41	The road for the first 4 m. unimproved, and passes principally through thick jungle; the rest is a fairly deep sand and hard gravel	and wells	8 shops for age Indians	Table No 20 (Q)
		Lahore	9	7½	Head good, and sandy with much below jungle, and occasionally broken by rain.	15 wells and tanks water not good in hot season	17 shops up-plate under-into stage head	800 bu. wa., good occupying ground NW Δ 1 m = 4/ Karakoram, 80 houses close side of water and excellent supplies Δ 8 m = 8/ Chir walls. Δ 15 m = 6/ Doodra 300 houses, abundance of water and supplies. Headed. Δ 18 m = 1/ Karakoram, 80 houses 1 shop. Δ 19 m = 7/ W. walls, 80 houses Country level with patches of grass and jungle
		Control over	00	00				small valley town, good occupying ground NW Δ 16 m = 4/ S. Ghara. Country extremely jungle and cultivated

Authorities		Name of Region	Distances		Road and Soil	Water	Supply	Remarks
			Stages					
Military	Civil		Miles	Package				
				Total				
General Officer Commanding Northern Division	Political Agent at Madhwa to Rajpo	Brought over		85 72				
		Chittore	8 71	85 72	Road for the most part good but red sand. At 8 m. 2. / rocky. At 8 m. 2. / but about near water table; some jungle on the road.	Good from 20 miles and a tank.	20 shops	A walled village of 800 houses good country big ground. At 4 m. 1 / from the lake a river no water but in the morning had muddy. Country suitable for ag.
		Madhwar	13 7	86 61	As before	Abundant from wells and tank full of water but some.	Madhwa 100 houses	100 houses good country green. E. near a tank. The country improves on approaching Khannawade. At 8 m. Kyan Jagpur 280 houses 30 shops and many wells. Water not good in hot season. Supplies and forage scarce occupying ground extensive.
		Ardayar	7 34	92 3	Road good and open and level	Abundant from wells and large tank.	Abundant and supplies re portance in June 1947.	A walled town occupying 2 1/2 W. in level but low ground. At 4 m. pass Dahan, a very small village; and half a mile further. Look of the scene desolation. Country open throughout.
		Rajpo	13 6	105 8	Ditto	Abundant in the morning from large tank but scarcely dry in the hot season when p. is dry in the bed.	It is not being given	small village excellent occupying ground. At 8 m. good hard road of 5 m. from Ardayar to the River. 8 m. across it hard road 11 m. 4 / further Pithampur which it was reported the water had dried. At 11 m. 1 / across a creek of the River 800 yards of mud in the River Road on the 24th December. Small water hole at Rajpo. troops should move on to Madhwa 8 m. in advance.
	Political Agent at Pithampur	Dahan	18 7	117 5	Very good road in the morning weaker	Long tank having the mounds	3 shops	45 houses occupying 8 in open ground. At 8 m. from Madhwa a small place with a tank and wells. The latter however of pitiful size. At 8 m. pass the 1 mile village of Dahan. 40 houses, 1 tank 4 wells. At 9 m. Bhakatra a large village 100 houses 3 shops, 1 well 3 tanks with eight wells water occupying ground enclosed. The whole space between the two branches of the River is sandy desolate of water. Country an open plain.
		Warye	13 8	130 7	Ditto and sandy but good road	Abundant in the morning but good water	Abundant in the morning but good water	280 houses, occupying 8 in enclosed ground or W. At 8 m. 1 / across a small branch of the River, 240 yards wide covered with guat. At 4 m. 2 / Bhaner 40 houses 1 tank having eight wells. At 7 m. 7 / Bhaner 180 houses 3 wells and tank.
		Bhaktrapur W. gate	20 7	141 6	Good road and sandy	Abundant in the morning but good water	Abundant in the morning but good water	A large and populous walled town, with the best of the country. At 8 m. 4 / Bhaner 180 houses 3 wells and tank. There is another village of the same about 3 m. E.
		Om	11 1	152 7	Ditto	Abundant from wells and tank	Abundant from wells and tank	280 houses good occupying ground E. At 8 m. 8 / Jyotipane 40 houses 3 shops
		Omaka	14 3	167 1	Ditto	Wells and tank	8 shops	50 houses occupying 8 in good and open ground. At 8 m. 5 / Bhaner 30 houses 18 wells no tank. At 9 m. 3 / Bhaner 40 houses, 10 shops, 1 tank 3 ponds 80 kacha wells. At 9 m. 4 / Bhaner 180 houses 1 tank, and a large well.
General Officer Commanding Northern Division	Political Agent at Pithampur	Brought over		198 8				
		Total		198 8				
		17 Marches						

Authorities		Names of Stages.	Distance		Road and Soil.	Water	Supplies.	REMARKS.
			Stage	Total				
Military	Civil		Miles.	Package.	Miles.	Package.		
From Rahdinpoor to Omdin by Jangpur as follows:—								
General Officer Commanding Northern District, Ahmednagar	District Agent at Rahdinpoor	To Rahdinpoor above	18	3	141	6		
		Kalad			181	7		
	District Agent at Rahdinpoor	Omdin	18	8				
		Total			170	2		
			From Rahdinpoor to Omdin by Jangpur as follows:—					
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			From Rahdinpoor to Omdin by Jangpur as follows:—					

TABLE No 83 (2)

## FROM BHOOJ TO DRESA, BY DOODYE, MOOANA, AND RAHDINPOOR

GENERAL DIRECTION NO

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Stage	Total					
			Miles	Package					Miles
General Officer Commanding the Madras Division, Ahmednagar	District Agent at Bhooj	From Bhooj to Dresa			73	5			73 to Table No. 83 (1)
		Doodye	18	3	83	0	Well and road sandy	3 tanks, two tanks 8 shops and 30 wells, all good water	230 houses country open water 7
		Mooana	18	3	86	3	Dirie	5 wells and 3 shops, 2 of the former only good; the latter not generally all the year	Attended to the 11 of the Meezan 1 1/2, and has 67 houses, good surrounding ground 8 on the slope of a hill
		Total over			94	3			

Authorisation		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles	Parangs				
Military	Civil		Miles	Parangs				
General Officer Commanding Northern Division Assam	Political Agent at Nalbari	Drought over Across the River to Vorn	10	4	55	8	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
		Belera	9	7	110	7	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
		Deena Chaitani			100	6	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
		Total 17 Marches			100	6	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
					100	6	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank

Besides the passages across the River here given, there is another one lower down as follows —

Goose to Fatigud	5 m 5 f
West bank of River	5 f
First do, do	5 f
Vorn	5 f

Total 35 0

which shortens the distance nearly four miles but although the natives say that the River never dries up here, there seems to be a doubt of the fact, and in December 1937, it was even more than 11 m below its normal level.

In either of the above routes there however, my marked superiority over that by the Arunachal P.W. (1) which in ordinary seasons is recommended as the shortest and best for troops.

TABLE No 84  
FROM BHOJ TO GUDDRA ON THE ISLAND OF KHURNER.  
GENERAL DIVISION, P.W.

Authorisation		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles	Parangs				
Military	Civil		Miles	Parangs				
General Officer Commanding Northern Division Assam	Political Agent at Laitum Kher	From Bhoj to Guddra Wannawa	10	0	55	1	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
		Guddra	10	0	55	1	100	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
		Total	20	0	110	2	200	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
		7 Marches			110	2	200	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank
					110	2	200	Good hard road (1) 1/2 tank, generally 1/2 badly, 1/2 tank 1/2 tank, 1/2 tank 1/2 tank, 1/2 tank

TABLE No 85 (I)

## FROM BHOOT TO HYDERABAD, BY VINGUR AND RAOMA-KA-BAZAR

GENERAL DESCRIPTION, &amp;c

Artificiality	Military	Civil	Routes of Routes	Distance		Road and Soil	Water	Vegetation	Remarks
				Stage	Total				
				Miles	Paras	Miles	Paras		
General Outline Descriptive Northern Division, Akbarabad			First Road to Kharat Mair.	3	11	3	11	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	A sample of which these rivers were. At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Second Road	4	14	4	14	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Third Road	12	23	12	23	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	12	35	12	35	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
General Outline Descriptive Northern Division, Akbarabad			Kharat	12	47	12	47	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	51	4	51	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	55	4	55	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	59	4	59	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
General Outline Descriptive Northern Division, Akbarabad			Fourth Road	4	63	4	63	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	67	4	67	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	71	4	71	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	75	4	75	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
General Outline Descriptive Northern Division, Akbarabad			Fourth Road	4	79	4	79	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	83	4	83	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	87	4	87	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	91	4	91	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
General Outline Descriptive Northern Division, Akbarabad			Fourth Road	4	95	4	95	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	99	4	99	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	103	4	103	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.
			Fourth Road	4	107	4	107	Good road, and so on. Road from the 21st Division, Akbarabad, to the 21st Division, Akbarabad, is a good road, and so on.	At 8 m 2 f. From the road the road leads along the bank of the river, and the road is a good road, and so on.







General Officer Commanding Mad District, Karaikal.	Syedpur	1	4	0	180	0	Pan, light mud	100 yds from river, and 100 yds W	100 yds Special	Small village of Myrval (population 150), with 1 mosque and 1 temple on left bank of river with a little cultivation and broad country open with very sparse scrub jungle and 2 or 3 small fringed with banana, left bank high, right, low, stream about 800 yards wide (crossing requires skin from Kolar Camp on bank)
Collector of Karaikal, Karaikal.	Tatta	1	12	0	190	0	Very bad heavy road, but 4 m. built, metalled, but road from Bala crossway is worse	Indifferent but plenty, from Bala and 2 paces W.	New supplies in abundance but little yam and few vegetables, no grain	Capital of India (population 4,000) and once lay only on India (Dist 4 m. wide, but river has reached) with Post and Telegraph offices, dharmasala, 4th and Collector's bungalow and 1 school, houses mostly palisade and many apple-stored, and plenty of cultivation; near a monument, but abandoned from road. Track from right bank only a wheeling bridle path through thick low jungle along high river bank at 4 m. Tatta (population 200) with plenty of cultivation and palisade W of river, then over sand alongside of substantial road (at 1 m. from river, both banks steep, 10 yards wide and 3 feet deep at ford (Dist 40), then 6 m. through thick woods where cultivation begins, country well irrigated, round E side of cut in Deep, 8 m. W, at junction of road to Karaikal and Hyderabad, Tatta occupies the province of a Municipality and shows the same by its busy streets. Camp 8 W

The following additions and alterations are made in "Routes in the Bombay Presidency, 1870"

Table No. 15 (2), page 43, "Sutarna," and Table No. 15 (3), page 46, "Jallari" and "Kurawara" should be shown under "General Officer Commanding Mad District, Madras," and "Agent Governor-General, Rajputana, at Mount Abu," &c. Insert note at foot of Table 231 (1), "Routes 217 and 61 are recommended instead of above route."

Insert note at foot of Table 217, "Rajkote to Jaspur en route to Polbunder by route 61, is recommended to be used in future."

Revised Table 17 (1), page 31, for stage "Tatta" substitute printed slip "Syedpur and Tatta."

Table 87 (1), pages 170 and 180, for stage "Bhu" to Belu," insert "side revised Table 85 (3)"

For Table 281, page 303, insert "side revised Table No. 85 (3)."

Table 217, page 461, "column of stage" for "Rabid" read "Riba"; "column of "road and soil" for "made road, soil black and red" read "metalled and bridged, land chiefly cultivated, partly grass, country flat, road partly planted with shaded trees;" column of "water" after "wells" add "abundant;" column of "supplies" after "shops" add "all needed supplies available;" column of "remarks," 1st line, before "dharma sala" add "good," and after "dharma sala" add "with an upper story for European rest-house."

2nd stage for "Gondal" read "Gondal;" column of "road and soil" after "ditto" add "road lined with shady trees;" column of "water," after "wells" add "abundant;" column of "remarks," 1st line, after "bungalow" add "and first class guest house."

3rd stage, column of "water" after "wells" add "and river;" column of "supplies" after "shops" add "all supplies available."

Table 61, page 120, column of "stage" under "Dhorajee" add "B" after "1," column of "road and soil" for "a tolerably good road over a cultivated country, occasionally hard and rocky," read "1st class road," column of "remarks," 1st line, after "fort" add "and chief business city of province, with good travellers' bungalow, dharmasala and"

2nd stage for "Oopketyon or Oplata" read "Upketa," and add "B" after "P;" column of "water," 3rd line, erase "the" and in 4th line erase "are bad;" column of "remarks," 1st line, after "houses" add "travellers' bungalow," and erase "from a ford" in the 5th line to "bank" in 7th line, erase also from "pass" in 8th line to end of stage.

3rd stage for "Gondal" read "Wairawra," column of "distance" for "8-1" read "11 m." "For total 231-2" read "229-7;" column of "road and soil" for "ditto" read "made road except for about 2 miles on approaching river Vira at Jala, but there is no difficulty in crossing. Country flat and cultivated;" column of "water" for "Bhadu river and 2 mals," read "ditto;" column of "supplies" for "abundant" read "ditto;" column of "remarks" insert "a large village of 1,000 houses, travellers' bungalow, large dharmasala, good encamping ground. At 3 m. S. of Markhad, 70 houses; at 5 m. S. of Jala, 800 houses; at 11 m. Dandika 250 houses."

4th stage for "Katana" read "Katana;" column of "distance" for "13-6" read "9-0," "total 238-7;" column of "road and soil" for "Banwara, the country rocky and barren, but road tolerable" read "ditto;" column of "remarks," 3rd line, erase "Wairawra at 4 m. S. of, and," and for "10 m. S. of" read "5 m. S. of."

5th stage add "B" under "Kundlonia;" column of "distance" for "7-6" read "7-0," total 245-7;" column of "road and soil" after "ditto" add "but river Minna bridged;" column of "remarks" 1st line, after "fort," "travellers' bungalow, dharmasala, and good encamping ground all round" 2nd line for "12" read "800," and add at end of 2nd line, "at 5 m. Maloch, 200 houses."

6th stage, column of "distance" for "total 257-1" read "256 3/4," column of "road and soil" for "road rugged and" add "ditto;" column of "remarks," 2nd line, after "police" add "and Railway" Add "B" after "P" under







TABLE No. 85 (2).

FROM BHU TO HYDERABAD, BY KAORA AND RAHM-KI-BAZAR.

GENERAL DIRECTION, N.W.

[illegible]

Journal Online C is an online Elementary Directory, based by

Armies	Military	Civil	Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks	
				Stage	Total					
										Miles
General Officer Commanding Boundary District, Bombay			Reached over		48	0				W of Gundlupur stage for 4 of dry rd. on edge of Ran (population 1200) however mostly of stone, flat or thick, a patch about 100 yards 6 to 10 ft. deep and small round boulders 1 ft. in dia. On this road all round 100 ft. (approx) much scattered debris (possibly from Ran) the area of Ran 2 m wide, then hills of low scrub, which descend village stage 1/2 m, with little dry tank at 5 m. The edge of Ran 4 m wide, over which water flows. Stage has almost 5 m of Gundlupur river, which approximates to 1 1/2 m, over which nothing and open to scrub, whereat Ran at 12 m (1 m wide) Lathi (population 200) made very little cultivation, with one small tank and 2 small wells. Camp 1/2 m.
			Kan Bet	13	0	60	0			Indifferent 4 m soil and stones very bad 8 m heavy sand over stones with some pebbles and broken edges of sand stones; 11 m level over Ran then 1 m decrease sand, sand and pebbles
										Heavily, slowly and slightly brackish from 1/2 mile well last water in Kutch
										None, but plenty fire wood
										Here looking along the hill (called in Ran), then a small from simple well in bottom via below tanks with scattered boulders and well less immediately below (R.N.) Yamak a hill visible 3 m. Road drops 1 1/2 m through country once mostly all treated to dry river sand (80 yards wide), with sandy soil and low scrub, thence through scrubland, heavy country to Damsa (population 200) at 25 m with 1/2 mile well in dry river, after and street and Ran well (1/2 mile, street and dirt) 4 m W, at 8 m Damsa (population 400), and at 8 m Damsa with 1/2 mile well street and clear under shrub of banyan (Mithun) near Ran at 11 m. 1/2 m there, with water constant and good, but clear narrow very rough country from Damsa to Kan at 24 m, here covered with a deep layer of crystalline soil, 1/2 m in center Kan bet, and then up ridge which our track is well. Camp by well all above villages deserted through bushes
General Officer Commanding 1st District, Hyderabad			Vijay	25	0	85	0			Field and good over Ran, but heavy scrub becoming road into
										Abundant and good from 2 wells 3 m, 1/2 m enough for 200 men and 200 horses
										Lower and less in abundance after some plenty of fire wood
										As above and a few wells
										Small village with Pahn Thane, Gachan, Chidi, Gachan and 1/2 mile well on edge of Ran, at 11 m, Lathi Kan bet over Ran bet to Gachan, whereat at 7 m junction with Ran road, 8 m of Ran between Gachan and Pahn bet and 5 m between latter and abundant little Ran bet at 11 m the distance; last 8 m through sand hills. Camp by well
General Officer Commanding 2nd District, Hyderabad			Kakamdi Bura	30	0	115	0			Indifferent and heavy among a few hills on side and
										Plenty, but very slowly and brackish from 2 m last water tank (dry 1902)
										As above and a few wells
			To Hyderabad	41	0					W of Ran on N. edge of Ran (population 1200) with Pahn Thane, Gachan, Damsa and 2 small tanks, then passed 2 Damsa (1 for Pahn very small) 3 some, 1 temple, no cultivation except 2 or 3 small water tanks of 4-6 m (only 1/2 m deep); nothing else. All all round over with jungle of banyan, but at 4 m old open, scattered scrubland 1/2 mile down, 1 or 2 groups of scattered boulders round village Pahn Thane on 5 m last road mainly along edge of Ran Camp between tank and well 1/2 mile village Damsa at 10 m on edge of Ran
Total					157	0				
14 Mares										

File correct Table No. 86 (1)

For remarks on above route refer Revised Table No. 85 (1)

TABLE No. 85 (8).

FROM HUI TO HYDERABAD, BY LAKHPAT AND JUNGSHAH. I.

CENTRAL DIVISION, S.W.

Authorities	Name of Stage	Distance	Road and Soil	Water	Vegetation	Remarks			
Military	Civil	Stage	Total						
		Miles	Furlongs						
		Miles	Furlongs						
Political Agent in Kathiawar District									
		8	0	2	0	Very good, 3 m. metalled, with river throughout; several tanks metalled.	Plenty, sweet and constant from several ponds wells.	Moderate, plenty of cattle of all kinds.	Village of Myat (population 100) lying W. of dry lake among palms, rice and banana trees, with field-armed well cultivated and fenced, houses of stone, tiled, wooden. I. and jagged road 4 m. W. First B. along Muzir road, at 3 m. Kari river, dry, at 4 m. Bakpal (population 170) with 1 m. to well and cultivation; at 5 m. deep dry lake; at 6 m. deep dry lake with river and on bank, at 7 m. Mount Tara (1,157) 5 m. N, lake 8 m. road. Country rocky with scrub jungle. Chany by leg well d.
		11	0	18	0	Good, but not metalled, with some 10 m. road, with 2 m. tank, which dry in some parts.	Good but not, from some 10 m. road, with 2 m. tank, which dry in some parts.	Wheat, rice, sugarcane, lower and higher, but no grain, plenty cattle, all kinds.	Village of Pover (population 500) on road had some cultivation but little cultivated country; with 4 temples, 1 mosque, 1 school, 1 m. to K. river with village Muzir 1 m. to 3 m. country open, low hills with some cultivation, the hills 5 m. approaching the road, at 8 m. past Mount K. (1,007) 1 m. right, at 4 m. mostly open from 1 m. to 5 m. some villages on another river (population 200) with cultivation, 1 pond with well and some water, some houses tiled; at 7 m. Muzir river again over uplands of scrub and frequent wells; at 8 m. Muzir (population 100) with some houses tiled and thatched, several wells and much cultivation, where Muzir road strikes W. Camp S.W.
		12	0	21	0	Very good, 1 m. 2 m. road, rest dry and some over road and rock, with ponds of water.	Plenty, sweet and constant from some 50 ponds wells and 2 tanks.	Plenty, sweet and constant from some 50 ponds wells and 2 tanks.	Capital (population 5,000) Pover with red Fort, Fort Officer's quarters, ponds, school, 4 temples, 1 mosque and some cultivation. 1 m. N.W. Mount Dhar (1,007) and 1 m. S.W. Mount Dhar (1,007). Villages (population 1,000) with fort and stone houses tiled and good water, houses, 2 m. N on high ground, houses of stone and tiled, with upper storeys and larch, decorated. Good deep-water mud-hill in oval place (2 x 3 m.); at 2 m. round temple outside Fort's red hill (area 4 acres in extent), with ponds in road around it; at 3 m. K. village, K. Muzir river, with tank, houses, 2 m. N. In one way and ranges of ponds round for pleasure viewing, stone on rock (100) above, approached by flight of masonry steps, then several broken ground with steep banked water among rocks, at 7 m. Pover village (with well house, many trees and cultivation and small dry tank with masonry bound W.); at 8 m. Dhar village (population 1,000) plenty good water, cattle and sheep, with dry lake river (500 yards wide, with double channel with light irrigation) these over rocky land to Lake Camp W.
		21	0						







[illegible]

AMOUNTS		Name of Stage	DISTANCE				Road and Soil	Water	Supplies	REMARKS
Mileage	Circuit		Stage		Total					
			Miles	Fathoms						
		Brought out			17 1/2	0				
		Bela	10	0	27 1/2	0	Indifferent, heavy mud	Plenty from Indian Government tanks, these small tanks and a few kistams	As above in small quantities	with occasional rice fields, at 8 m. tank bridge of 4 spans 20 yards x 3 yards and another of 8 (18 yards x 3 yards) at 6 m. over Ghoree, thence right turn village with a few huts. Camp by tank W
		Syrdpur	4	0	31 1/2	0	Fair, light mud	Plenty from river and 1 pond wall	From Syrdpur	Village of Syrdpur (population 1800) with 1 mosque and 1 temple on left bank of Indian, and four rice cultivation. River bank steep left, slopes right but channel has changed lately and village now is 1 1/2 m. from it. At noon distance 3 fathoms to river 1 fathom at other times. Country open with few trees but fairly cultivated throughout. Troops require flats from Katta to pass the river here, the main stream being 100 yards wide water width 3 m., but the passage is hardly ever used now. Camp 3 1/2
		Tatta	13	0	44 1/2	0	Very bad, heavy mud, but 4 m. badly metalled but road from Bela crossing in view	Indifferent but plenty from 6 tanks and 8 kistams	None appears in abundance but little to water and few vegetables as grass	Capital of Tatta (population 4000) and over 1/2 m. to Indian (then 4 m. wide but river has receded) with Post and Telegraph office, Akbarabad, Dik and Golestan's bazaar and 4 schools, houses mostly mud and many upper storeyed, sand plus oil cultivation; some a substantial but abandoned from within. Tank from right bank only a winding bridle path through thick jungle along high river bank at 4 m. Tatta (population 500) with plenty of oak trees and pool's wall near river, then over dead sloughs of water at 1 m. based as m. Durga river both banks steep, 60 yards wide and 3 feet deep at ford (Pala 100) then 1/2 m. of rough track, woods where cultivation begins, country well irrigated, road 1/2 m. of way to camp V W as junction of roads to Janghain and Syrdpur. Tatta enjoys the privilege of a Municipality and shares the same by its filthy streets. Camp 1 1/2 W
		Janghain	15	0	59 1/2	0	Fair generally of light mud, some places roughly metalled, all on side and miles with bridge	Plenty good and constant from 1 pond wall	All obtainable at noon	Village of Tatta (population 100) adjoining station on "V W Ry" with Government Post and Telegraph office and Military office a few miles 3 paces from Tatta (Pala 80) over way per dam. Road crosses a little plain of about 100 acres and at 1 m. a rocky ridge covered with trees and temples, then descends to a plain some 7 m. wide with occasional cultivation and tops of trees and interlarded by small and in some well shaded with trees at 4 m. XI or Mahomed with 1 m. at 7 m. a pond thence, then over a brick bridge of 2 spans across a canal to a dead stream by a crossing, at 8 m. one bar and higher along ridge with good small ponds at 12 m. W slope at 12 m. a wide dry river bed crossed
		Okhand over			59 1/2	0				

Sheet 11: Officer Commanding Mad Division, Karwar

Collector of Karwar, Karwar

[illegible]

**Examiner: Officer Commanding Hong Kong District, Kowloon.**

1. *Note.*—Report on the route Elgin to Jumbashi on route to Hyderabad by Major Patrick Gerald Dobbie Frost, etc., dated March 1897.  
This road is alleged to be inferior to a pair of those in El Kalim id Khatim, only marked routes No (1) and 58 (2), especially for game much of the ground traversed is kush, some very rocky, while neither Elsin nor Hyderabad afford the facilities of Khatim for a passage of the trains.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles.	Furlongs.						
General Officer Commanding Sind District, Hyderabad.	Political Superintendant Thar and Parkar, at Deroohoke.	Brought over.....	...	...	80	2			enter the Runn, and at about 9 m. pass the spot where the Vingar and Bullaree roads separate. At about 20 m. enter another bote, which is well adapted for troops to halt on. The road continues over hard mud, till at about 28 m. quit the Runn and enter the Thar sandhills.  Vide Table No. 10. (1)	
		To Hyderabad .....	110	4	...	...	.....	.....		
		Total.....	...	...	190	6				
		14 Marches.								

NOTE.—This is the best road into Sind for Artillery or troops of all arms, when the Runn is passable, which it generally is by the end of October. There are no sandhills, save for about four miles, and those of no great consequence. The Runn must be crossed in the night to avoid the glare, and working parties should be detached in advance to clear wells and prepare troughs, &c. Troops marching by this route across the Runn should start their baggage and camp equipment from Mircoa well about 3 P.M.; the men following at 4, and marching steadily, with occasional rests, should halt for refreshment on a bote or grass island, about 29 m. on. Here, by previous arrangement, firewood should be ready, and coffee issued to the men. They should also take dry stockings, as, on entering the Runn, a tract of salt is passed, crystallized, and at least a foot thick; this is generally wet (a good deal of water 9th January 1885). Men are liable to be footsore if they continue the march with wet feet. Attention should also be paid to so timing the march across the Runn that the full moon be available.

TABLE No. 85. (2)

FROM BHOJOJ TO HYDERABAD, BY LUKPUT, BUDDERNA, AND MAHOMED KHAN-KA-TANDA.

GENERAL DIRECTION, N.Y.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.		Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Northern Division, Ahmednagar.	Political Agent in Kutch, at Bhooj.	Bhoj to Mankoo .....	7	0	7	0	Sandy and rocky road, passing near hills.	Wells and a river, which has always a foot of water in it.	Moderate.....	At 4 m. pass the hamlet of Jooruk, and close by it a narrow nullah, with 1 foot of water, abundantly bed 10 yards wide. Mankoo is a thriving village of about 800 houses, with much irrigation; encamp near the village.
		Mujjal .....	10	2	18	0	Soil rocky and sandy, and road very heavy all the way; hills on both sides.	47 wells, and large tank of good water.	23 shops, and moderate supplies.	At 4 m. 4 f. pass a small sandy river, with rocky banks and without water. At 4 m. 7 f. Poteo, a hamlet of 10 huts, on a rising ground. At 9 m. Anundal, another hamlet, with wells. At 9 m. 4 f. a small sandy nullah. Mujjal has 333 houses, is built on the brow of a hill, and is a rich place, 10,000 Brinjool bullocks could be got here on emergency; encamp on the W. country in the neighbourhood hilly and waving.
		Nakkurana .....	12	2	30	2	As above; pass several hills.	57 wells, and tanks having ten months; 30 of the wells are good, all are drinkable for cattle.	222 shops.....	At 8 m. 2 f. Nakkurbetia, a few huts. At 8 m. 4 f. Anja, 178 houses, 25 wells, and supplies. At 9 m. 4 f. the Bokoer river, broad and without water. Nakkurana has 214 houses; a small rainfed tract. The country is well cultivated, and there are also several high hills; encamp close to village.
		Carried over.....	...	...	80	2				

Activities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Mileage	Caval		Stage	Total				
			Miles	Package				
		Brought over		30	1			
General Officer Commanding Northern Division Unsubscribed		Tiger	12	8	65	1		11.8 m S of Mafikeng, and back a small river with water in May. At 11 m S of Mafikeng 40 houses 18 wells and several small. There are about 100 houses. There is a small lake. Hills to the north.
		Kara	18	1	64	0		At 4 m S of Mafikeng under the 10th will 200 houses and 20 wells. At 8 m S of 15 m S of the small villages of Mafikeng and Pafikeng. Kara has 100 houses; over 200
		Lalapa	16	0	79	0		At 4 m Distances, 20 houses; a river runs S of it. 300 yards wide and has rocky in the bed. At 8 m S of a small river, without water. 100 yards wide. At 8 m S of Mafikeng 11 wells, 8 shops, 1 well and 1 large house. The country here becomes hilly. Lalapa is a small town. It is in a low-lying area in good repair with a small dry ditch. There are 1,000 houses all situated on the W side of the river so that there is room to the eastward for the eastward of 2,000 men in the area of the hill. It is a place of great double hills; surrounding ground is and is on level ground. No vegetation near all around a perfect desert.
		Denker	1	6	80	5		A few lots of houses and soil are on the left bank of the river, the most serious threat of the houses comes from the north. There is about a 100m of water at low tide, but it shallowly to the north. The houses are on the left bank of the river at the mouth of the river.
		Katze	6	8	86	1		A small mountain of water at 10 m S of the river, which is a small supply of water for the river. The water is a small supply of water for the river. The water is a small supply of water for the river.
General Officer Commanding Head District Kommandant		Outpost Observation	26	61	117	1		Good after 11 a.m. 1000 yards and over level with Denker, generally level and dry but some a little to the north of the river.
		Barre	3	61	117	1		Good and level through this jungle.
		Carried over		117	1			At 11 m S of the river, which is a small supply of water for the river. The water is a small supply of water for the river. The water is a small supply of water for the river.

Authenticity		Distance	Degrees of Slopes		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
		Brought over		117	3			Two miles from Mirino to Guro in 30 m. the first 9 m. being over hills is liable to interruptions when much grass, bamboo, brush and scrub land. At 13 m. 3/4 from Mirino there is a pool of Indian water but the only fresh water on the road. Mirino is nearly a good bank, without house, water or bridge.
		Alonso	12	0	190	0	Good across a level road and walk. At 10 m. 3/4 from Guro, a small place with thick ten brick wall or 2 green swampy near house.	At 10 m. 3/4 from Guro, a small place with thick ten brick wall or 2 green swampy near house.
		Bad from R. P.	11	7	175	7	Cleared road good on level but much is covered by brush for vegetation.	From a bank to the N., from Guro, a small place with thick ten brick wall or 2 green swampy near house.
		Hydrographical	11	0	175	0	From a bank to the N., from Guro, a small place with thick ten brick wall or 2 green swampy near house.	From a bank to the N., from Guro, a small place with thick ten brick wall or 2 green swampy near house.
		Total		204	7			From a bank to the N., from Guro, a small place with thick ten brick wall or 2 green swampy near house.
		15 Miles.						From a bank to the N., from Guro, a small place with thick ten brick wall or 2 green swampy near house.

[illegible]

TABLE No 85 (3)

FROM BHOOJ TO HYDERABAD, BY KAORA, BALLIAREE, AND WUNGA BAZAR.

GENERAL DIRECTION. AN H A

Authority.		Number of Stages	Distance		Road and Soil	Water	Supplies	REMARKS	
			Stage	Total					
Military	Civil		Miles	Days					
General Orders in regard to the Indian Territory	Federal Forces at El Paso	El Paso to Mesquite well	-	48	01	Good road all the way	None	See Table No. 23 (1)	
		On side late north and tributary	11	8	90				01
		Carried over	80	04					

Authority etc.		Names of Stages.	Distance		Road and Soil.	Water.	Supplies.	REMARKS.
			Miles.	Perchages.				
Military.	Civil.		Miles.	Perchages.				
		Brought over			80	04		
		Dallara	18	0	78	04		<p>A good hard road carries the Bazaar. In the Bazaar the road ends and are very heavy but carts and goods could easily pass.</p> <p>with 1 and with branches of trees water from there and where but not much water for a time.</p> <p>At 8 m S of Dallara a small school to the right 2 1/2 m long. At 4 m S of road has been called Hauria, 1 m. to the S.E. about 4 m long and 2 m broad. At 10 m S of road At 1.5 m S of on the Bazaar side and across a branch of 1/2 m S of road where the river entered at 1 1/2 m. At 18 m S of Dallara 50 houses on 1 road and 1 public house for the Chas. Hauria. Dallara, 10 m to the S. with pond and a public well near a little brooklet; the country round is very low and to the S of the village there are low sand hills except to the W.</p>
		Dauph	11	4	80	25		<p>Cherry road over a stream bed. Some deep trees are visible. The road is fed by a spring and a small stream.</p> <p>Moderate but some plan. total.</p> <p>280 houses and small road to the S. road quarters of a Hindustani Police station, Dallara, with pond and 10 houses. 5 public wells and good country ground, country composed of mud. In several with thick low jungle and dry grass. At 17 m S of road (at temporary village) At 17 m S of road to the S a good well. At 18 m S of Dallara a small road with well on left.</p>
		To Wanga Bazar	20	2	100	44		See Table No 18 (2)
		Hyderabad	25	04				See Table No 10 (1)
		Total			100	8		
		17 March						

TABLE No 86  
FROM BHOOG TO JUKEOW BUNDER.  
GENERAL DIRECTION W

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
									Miles
Military	Civil		Miles	Perchages					
General Officer Commanding of Northern District at Ahmednagar	Political Agent at Nashik at Nashik	Shyol to Mugal		18	0			See Table No 18 (1)	
		Mingwana	8	0	11	0	Good road	100 wells 2 tanks and good water	280 houses and a small road. Country open and soil red. except W. At 8 m S of a small pond and a high hill about 100 houses, Mingwana village may be passed. A large number. At 4 m S of Gungun 1 1/2 m road. At 8 m S of Bazar 20 houses. 1 shop 2 wells and a river running S of it, which crosses the road 400 yards from the village and is about 70 yards wide. The village and road all the brooklet water. The village and road of Bazar at 8 m S of a river 1 shop 2 wells. At 18 m S of Mingwana 280 houses 2 shops 2 wells and a river.
		Mozana	15	4	25	4	Muddy road	2 tanks and 2 wells	280 houses and a small road. Country open and soil red. except W. At 8 m S of a small pond and a high hill about 100 houses, Mingwana village may be passed. A large number. At 4 m S of Gungun 1 1/2 m road. At 8 m S of Bazar 20 houses. 1 shop 2 wells and a river running S of it, which crosses the road 400 yards from the village and is about 70 yards wide. The village and road all the brooklet water. The village and road of Bazar at 8 m S of a river 1 shop 2 wells. At 18 m S of Mingwana 280 houses 2 shops 2 wells and a river.
		Carried over		28	4				



Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS.	
			Stage	Total					
Military	Civil		Miles Furlongs	Miles Furlongs					
General Officer Commanding Northern Division A. S. S. S. S.	Political Agent in Karab, as Hing	Brought over		26 4					
		Bazaar	16 4	52 0	Good hard mud, and an excellent road over level and cultivated country	Large tank, and 10 wells, one of which is in the bed	Five supplies	40 houses, crossing W or S. At 1 f. crosses Muzim river 100 yards wide. At 5 f. S of cross river again in Karab, 180 houses and a small fort 8 walls, and a tank. Pass on off village of Bithur in left, and at 6 f. S of Bithur, 120 houses on wide flat. River runs south. Country open and well cultivated.	
		Jakir	11 7	63 7	Cultivated country	2 tanks, one with running water for the year, and the other, all good.	20 sheep, at which grass can be procured	A stronging town of 200 houses in a flat well cultivated country, crossing N or S. At 7 f. pass a small stream 20 houses wide. At 8 f. S of Karab, 20 houses, 10 wells. Country rich.	
		Bazaar	11 8						The bazaar lies NW by W, with a good cart road to it. In the neighbourhood of the country is flooded at spring tides. Boats of from 60 to 70 tons come up to it, but those of larger tonnage require spring tides. The creek varies in depth from 8 to 12 feet and is about 5 m. long. About 3 m. from the bazaar a stream called Baggan enters the flat, and runs 1 m. to the bazaar, which small part of the creek runs up to the bazaar, so it has off feet water when the tide is in. The strip of land between the creek and the sea is about 1 1/2 m. broad where some grass grows, and some. Boats are tracked up through the creek, and can go at all seasons.
		Total		87 1					
		8 Karab.							

TABLE No 87. (1)

FROM BHOOJ TO KURRAOHH, BY LUKPUT, MUGGERBHE, AND TATTA.

GENERAL DESCRIPTION, N. W. at W

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division A. S. S. S. S.	Collector at Kurrao.	Bhooj to Karab		26 4				
		Lak	13 0	39 4	Cleared road from Karab to Bhooj, with level Karab, hard and good, except after rain, remainder good over barren ground.	Water breakfalls and mostly		Side Table No. 85 (2)
		Gomati	3 0	42 4	Good over level Karab, hard and good, except after rain, remainder good over barren ground.	Water breakfalls and mostly		Country flat with some planted bushes on which cattle graze
		Fukar	17 8	60 2	Good over level Karab, hard and good, except after rain, remainder good over barren ground.	Water breakfalls and mostly		
		Lak	17 8	78 0	Good over level Karab, hard and good, except after rain, remainder good over barren ground.	Water breakfalls and mostly		
		Total		120 0				



TABLE No. 87. (2)

## FROM BHOJO TO KURRACHEE, BY MHUR, KOTASIB, AND OOPLANA.

GENERAL DIRECTION, NW. BY W.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.		Total.						
			Miles.	Furlongs.	Miles.	Furlongs.					
Military.	Civil.										
General Officer Commanding Northern Division, Ahmedabad.		Political Agent in Kutch at Bhooj.	From Bhooj Cantonment to Mukna.	9	5	9	6	Rocky and stony road, over small hills.	4 wells, all of good water.	None	At 8 m. 5 f. pass Joruk river, 25 yards broad, 1 foot water; a good cart-road across it; between the 4th and 8th m. several small nullas; the Karos river on the left. Mukna has only 18 houses; the country about it is hilly, broken, and stony; encamp near village.
			Budlee .....	9	5	18	3	Country hilly, but road tolerable, and better than last stage; the several rivers and nullas do not present obstacles.	20 wells, 5 tanks, having eight months; 16 wells containing good water.	10 shops	At 1 m. 5 f. pass Kak river, where there is always water, but bad; a good road across. At 6 m. 3 f. Kontur river (small). At 7 m. 1 f. a river, 30 yards wide, 3 feet deep, with hard bed, and a good cart-road over it. Budlee contains 100 houses, and the country around is pretty well cultivated; encamp E.
			Mookulsee Arrul ...	10	7	30	1	For the first 6 m. wading; road good but sandy, and sometimes heavy.	23 wells, and 2 tanks, and the Arrul river, good enough for cattle; 11 wells are good.	Limited; 3 shops.	At 2 m. 5 f. pass the small river Bhooj, with milk water and a good road over. At 6 m. 2 f. a tank, with water always. At 8 m. 4 f. Lakarveera, 60 houses, 3 shops, 13 wells, chiefly brackish. At 7 m. 1 f. Bookes river, very sandy, 80 yards wide; no water. Mookulsee Arrul has 77 houses; encamp E. of village. Country open.
			Moocoo .....	10	2	40	3	Hard soil and good road; the Arrul river no obstacle.	17 wells, 3 tanks, lasting for eight months; 10 wells containing good water.	Scanty	At 1 m. 0 f. Jogee Arrul, 68 houses, 3 shops, 2 tanks, 15 wells, on a river 60 yards wide, rocky, and has always water. At 5 m. 5 f. Chirald, 18 houses, 3 tanks, 8 wells. The country near it is poor, and in some places salt; low hills on both sides of the road. At 6 m. 3 f. and 7 m. 2 f. pass two rivers, about 80 yards wide with good water, running into each other. Moocoo has 85 houses and a small fort in ruins; open country around and good pasture ground; encamp on all sides, except the E., where the rain water lies.
			Mhur .....	16	2	56	5	Road stony here and there, but good.	8 tanks, generally lasting all the year; 6 wells of good water, and a spring with abundance of water, but a little tinged with alum.	30 shops; vegetables are procurable, and supplies.	At 4 m. 4 f. pass Amara, 20 houses, 3 tanks and 8 wells. At 5 m. 2 f. Kam Kasmim, a noted Peer's place, on a rocky river and among large trees, with a spring of good water. At 6 m. 6 f. Kaxaga, 40 houses, 8. of a river of good water. Mhur has 226 houses, and is celebrated for its alum, which is here dug in great quantities from pits; encamping ground NW. The country around is hilly.
			Sannandrow .....	13	4	69	1	Hard open road, but stony near Mhur.	3 tanks, lasting six months; 3 wells, water drinkable; a brackish river E. of it.	3 shops	At 5 m. 3 f. Asandree, 10 houses, 4 wells, and a small river E. of it. At 8 m. 3 f. Bittaree, 20 houses, one tank and river. Sannandrow has 81 houses. The country is poor and uncultivated.

Political Agent in Kutch at Bhooj.

Activities		Name of Stage	Distance		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	to village	Miles.	to village		
		Brought over			87 3			temple inside a well built fort (wall) and a large tank which has always water; 170 houses 10 shops 8 wells. Pass over a sandy tract to Kannekote which is situated on the mouth of the Kannekote river and a temple of considerable note strongly built. The temple of Kannekote is immediately under the large pagoda, which commences with a series of 100 yards descent by a built survey. There are 400 cradles on approach, there being 15 to 20 feet of water, and a rate of 5 feet at spring tide but they are not so high as in Kannekote, and the crops are thus damaged in earlier boats for this purpose. There is a sandy bank about 3 or 4 miles Kannekote which necessitates boats to go outside of it, or it has only 3 or 4 feet at high tide and is dry at low. The Kannekote river, has here the appearance of an arm of the sea and is about 4 miles broad. Ferry boats are kept on the left bank of the Kannekote
		Right bank of the Kannekote opposite Kannekote	8 8		95 1	By water		
		Jaggan or Jagannath	20 0		115 1	Hard and level road	5 latins walls built up	None
		Chingalpur	20 0		145 1	Ditto	From 3 latins walls, built up since in the village	None
		Latha-in-Gate	8 7		153 0	Good road	Abundant from the left of the first town canal	None, 2 slopes
		Opkhan	11 1		164 1	Rail road intersected by many creeks	Abundant from latins	Moderate; all up
		Datta-in-Gate	15 7		179 0	Good road	3 latins walls	Scanty
		Gann-in-Gate	15 3		194 3	Ditto	Abundant	Scanty 3 slopes
		Gann B	16 7		210 0	Narrow but good	Wells	Moderate. Swage very scarce.
		To Kannekote	87 3					
		Total			201 42			
		18 Miles						

General Officer Commanding Mad District, Kannekote

Collector Kannekote

Fate Table No 13 (1)

Note.—During the rains or inundation the route from Kannekote to Gann may be considered impossible; and even in the cold weather the long distances between Chingalpur and Kannekote without good water would prevent its being much used. The post route and Datta, Jagannath, and Lakshmi, usually travelled, is only 81 miles (vide No 87 (1)). The best route for troops from Mysore to Kannekote is by Datta, Jagannath, and Datta, as follows:—

Mysore to Vijayan (vide Table No 85 (1))  
 Datta (vide Table No 10 (1))  
 Kannekote (vide Table No 13 (1))

Total 81 41

TABLE No. 88.

## FROM BHOOG TO MANDIVEE VIA DHUNOEE AND BURRA ASUMBIA.

GENERAL DIRECTION, SSW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Northern Division, Ahmedabad.  Political Agent in Kutch at Bhoof.		From Bhoof Cantonment to Maigpoor.	13 31	13 31	A well-made road through hills, not difficult of ascent and descent.	Abundant from wells, and the Maigpoor river.	75 shops, scanty.	75 houses, 2 temples, and a dhurumala; country hilly on both sides, well covered with thin jungle; encompassing ground to the W. of village near the bank of Maigpoor river. This village is situated about 3 f. on the left side of the road. At 3 m. 4 f. cross a dry nulla, breadth 10 yards, banks low, bed rocky, but passable for carts. At 3 m. 64 f. pass a waree and well about 8 f. on the left, water plentiful. At 6 m. 7 f. cross the Sunnooree river by a bridge, breadth 161 yards, bed sandy and rocky, banks low. At 9 m. 51 f. cross a nulla, bed sandy.
		Burra Aasmia .....	12 72	25 32	Made .....	Abundant from wells.	10 shops; supplies abundant.	270 houses, 5 temples, and a large dhurumala; country open and covered with thin jungle, cultivated ground on both sides of the road; encompassing ground to the N. of village which is about 4 f. to the left. At 5 m. 14 f. pass Dairia, small village with abundant supplies, and water from wells and a tank for 6 months, and cross the Maigpoor river, sandy and rocky bed. At 5 m. 6 f. Dhunooe, 100 houses, 6 wells, a tank which soon dries, and the river. At 9 m. 34 f. a well of good water about 5 f. left. At 11 m. 5 f. Chota Aasmia, with one good well, and moderate supplies.
		Mandivoe (Bhoof Gateway). P.	11 4	...	An open, cleared road, but rather heavy from mud, and in several places confined by hedges.	Abundant from several wells and a large tank westward.	Supplies of all kinds in great abundance.	Has eight or nine thousand houses, and is the largest town in Kutch. The town is walled, oblong, and 2,840 yards in circumference; encompassing ground to the E. of town near Poora. At 2 m. 14 f. pass a dry tank and well of good water. At 3 m. 51 f. Jukna, small village with 4 good wells and a shop. At 4 m. 51 f. Tanwana, 160 houses, 5 good wells, 3 shops, and a small dhurumala. At 5 m. 01 f. cross Burroodee river, high banks, sandy bed, 33 yards broad. At 11 m. 1 f. cross Raknowtee river, or creek, sandy bed, affected by tide, and dry at low water. The place at Mandivoe when not occupied by His Highness the Rao of Kutch can be used by travellers on payment of a small fee.
		Total...	...	30 74				
		3 Marches.						

NOTE.—Mandivoe is a seaport town, at which nearly all the trade of Kutch is carried on; boats of any size can approach it, and the largest ships have good anchorage in the offing, 3 miles out. There is no built wharve, and boats load and unload in the W. or town side of the creek, on a sandy beach. The creek varies in breadth from one to four hundred yards, the former of which is its width at the mouth. Its depth at high-water is from 12 to 18 feet, and the influence of the tide extends but for a very short distance beyond Mandivoe, where the road crosses it in the above route; it is only 2 feet deep at high tide. There is a bar at its mouth. Troops generally disembark outside the creek and to the E. of it, on a sandy beach. The ground about Mandivoe is favourable for encamping though sandy. There is a ridge on both sides of the town, on or over which regiments may encamp, having the advantage of water close. For a regiment to embark or to stay any time, the W. is the preferable side, as the men are out of their supplies on the E. side when the creek is filled. For a regiment disembarking and proceeding to Bhoof, the E. side is more convenient. Mandivoe is considered particularly healthy, and is well adapted for convalescents. European travellers can put up in the palace, when not occupied by H. H. the Rao on payment of a small fee, which is on the works, and faces the sea.

TABLE No 69

## FROM BHOOJ TO MOONDRA.

GENERAL DESCRIPTION, 1861.

General Officer Commanding Northern Division, Ahmedabad.

Political Agents in Kutch at Ahmedabad

Anticipation		Name of Stage	Distance		Road and Road	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles	Furlongs	Miles	Furlongs			
		Bhoj to Kakra	13	11	13	11	Good road, except on the top of the plain, where it is rocky, the road up is good, though a little steep to Kakra it is rather sandy, and passes over several small mounds.	26 wells, and the Bhoj river, the water of which is somewhat brackish, but it is suitable for cattle, and is always in abundance.	50 houses on the Bhoj river, with a small fort and large tank, on strong ground; a strong D. on good ground. At 1 m 8 f. pass a well of good water. At 5 m 8 f. succeed a plain, which contains 400 wells. From this to near the Bhoj river the country is hilly on both sides and the road rocky and undulating. At 7 m 3 f. a well of good water at a distance and there is also one on the plain, the village. The neighbourhood is well cultivated.
		Kakra Gaps	11	8	24	19	An open good road, though uneven there is no soil, country is Bhoj sandy, with some limestone, and some, a few mounds. Cross several dry mounds.	26 wells, 4 of which are brackish, a tank, but very small.	50 houses in an open and cultivated country, many in the Bhoj. At 7 m 3 f. Bhoj a hill on the road side and a low stone wall round the village, 775 houses, 2 tanks, 15 wells, and the Bhoj river W. with water and rocky bed.
		Moondra	8	5	32	24	Good road and road (the whole way, parties buty as across the Bhoj river near Moondra where there is a road made yearly for 700 yards by throwing sand over kachas or grass.	13 wells all of which are salt water, some are said to be the W. are good. A large tank on the M side.	At 2 m 0 f. Moondra 80 houses, 1 tank, 5 wells and a river W. water brackish, 150 yards wide, a hard sandy bed, low lands, and a running stream (18 hls in the season, country open. At 8 m 6 f. Bhoj Kachra, 127 houses 2 tanks, 14 wells, 7 of which only are good, vegetables possible. At 7 m 4 f. cross the Bhoj river, 450 yards wide. Moondra is a well town, upwards of 2 1/2 m in circumference, in good repair, containing 1,200 houses. To the W. there is a dry river, across it some fine gardens and trees. Beyond the town, a well cultivated and open neighbourhood, many on all sides but the W.
		Bandar	8	1					There is a hard and good cart road (18) with 800 yards of the boundary which is bordered at each side and being always under road on a leading measurement. The road is upwards of half a mile long and about 100 yards wide in depth it varies from 8 to 12 feet and the rise at each side is 6 feet. The vegetation is it from the Gulf is water, but the banks of the road are shaded, it is, the land on both sides is covered with bushes, which, when the tide is up, are half under water. At low tide it is completely dry. Moondra can never be a place of great trade, on account of its distance from the sea. A boat of 200 canoes fully laden, can move up to the boundary as against the tide and all other periods some above 100 there is a bar, on which there is 9 feet of water.
		Total			86	24			
		8 Mares							

TABLE No. 90.

FROM BHOJ TO OOMERKOTE, BY BALLIAREE AND NAWAKOTE.

CENTRAL DIVISION, N.

Authority		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Per cent.				
		Bond to Khewra well.	—	—	—	—	—	File Table No. 85. (1)
		People	51	2	—	—	—	File Table No. 85. (2)
		Kalye	20	3	—	—	—	
			110	71	Road generally good, some heavy sandstone between Bhogpur and Pulice.	2 wells of brackish water.	None	A few houses and a little cultivation. At 5 m. S. of Bond Deepa puri Padda, a few huts and a ruined well. At 8 m. S. of Bhogpur, a deserted place, several houses, a small well of good water. At 10 m. S. of Dalore, 4 houses, 3 latrine wells of good water near road over sandstone. At 10 m. S. of Dhal, a few huts, 3 small latrine wells. At 12 m. S. of Boreval, 3 or 4 huts, a good well, and little cultivation. At 15 m. S. of Bhagpur with a well of good water, and some little cultivation. At 17 m. S. of Bhogpur, 7 houses, and well of good water; road from Bhagpur, rather better and country covered with low jungle; sandstone at a distance on either side. At 18 m. S. of Boreval, a few huts at a distance from the road, and 1 brackish well.
		Nawakote P.	11	0	—	—	—	At 11 m. S. of Bond, 231 feet by 827, on a hill overlooking the flat plain of Bond, everywhere ground N. of the fort, very cultivated. A dharmashala, Poteo (thana), Potala chowhee, (the common well, and forest.
		Ko's	12	4	—	—	—	100 houses, encompassing ground N., country covered with low jungle and grass. At 10 m. S. of Ko's, one latrine well of good water, a sheep, 6 houses, and cultivation everywhere. At 12 m. S. of Jowara, 7 sheep, 3 sheep, and a latrine well, 7, on the right. At 14 m. S. of Moolah Gato, 10 huts, and a latrine well. At 18 m. S. of Bantali, 10 huts, 10 huts, country jungle, a latrine well of good water. At 8 m. S. of Boreval, 23 sheep, 10 huts, a latrine well of good water W. No supplies at the last three villages.
		Chawra	14	4	—	—	—	20 huts and good encompassing ground W. At 71.6 from Boreval, a well of good water. At 8 m. S. of Bantali, 12 sheep, 10 huts, and a latrine well of good water. At 8 m. S. of Balliware or Kulkar, 107 houses, Tappeda's dharmashala, a dharmashala and Pulice thana, 20 sheep, encompassing ground near a vegetable garden and well, and under (tree a mile further) 3 latrine wells on N.W. 75 feet deep, plenty of water, but becomes brackish in hot season; large plentiful. At 10 m. S. of Tora, 10 huts, 1 latrine well of good water on the right. After leaving Tora comes a heavy sandstone.
		Si overkot P.	18	5	—	—	—	Good quarters of the Political Superintendent Thana and Pulice. A brick fort 212 by 225 yards and 100 yards to the NW. of a large, straighter village of mud houses, on a branch of the Kera river, where the Thana is very dense even slightly; Omerkote being immediately under the last ridge. The country is covered with jungle of small trees, bamboo, and other shrubs. An extensive plain to the W. At 9 m. from Chawra, near Kulkar, 80 houses, and one latrine well, 1 m. W. from Thana at Omerkote.
		Total	—	—	—	—	—	187 25
		18 marches.	—	—	—	—	—	—

TABLE No. 91

FROM BHOOJ TO RAJKOTH BY WANDRA MALLIA AND MOEYED

**GENERAL INFORMATION:**

Antecedent		Name of Stage	Distances				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	Perchages	Miles	Perchages				
Political Agent in Katak at Bafra		From Bafra to Tel			2	7				
		Karyakum	10	8	20	24				
		Dandya	8	2	20	25				
		Pakur	7	4	27	4				
		Cheravella	18	0	34	4				
		Wanda	12	2	46	4				
		Malla	11	5	57	3				
		Danda	7	0	64	6				
		Harva (H gate) P	12	8	76	6				
		Political Agent in Kattiver at Bafra		Vengur	8	8	103	25		
Haravatt also	11			1	114	4				
Haravatt also	15			0	129	4				
Haravatt also	15			0	144	4				
Haravatt also	15			0	159	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	174	4				
		Haravatt also	15	0	189	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	204	4				
		Haravatt also	15	0	219	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	234	4				
		Haravatt also	15	0	249	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	264	4				
		Haravatt also	15	0	279	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	294	4				
		Haravatt also	15	0	309	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	324	4				
		Haravatt also	15	0	339	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	354	4				
		Haravatt also	15	0	369	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	384	4				
		Haravatt also	15	0	399	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	414	4				
		Haravatt also	15	0	429	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	444	4				
		Haravatt also	15	0	459	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	474	4				
		Haravatt also	15	0	489	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	504	4				
		Haravatt also	15	0	519	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	534	4				
		Haravatt also	15	0	549	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	564	4				
		Haravatt also	15	0	579	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	594	4				
		Haravatt also	15	0	609	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	624	4				
		Haravatt also	15	0	639	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	654	4				
		Haravatt also	15	0	669	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	684	4				
		Haravatt also	15	0	699	4				
Political Agent in Kattiver at Bafra		Haravatt also	15	0	714	4				



Authority.		Name of Station.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.																																																									
			Stages.	Total.																																																													
Military.	Civil.		Miles.	Days.																																																													
<p>During the rainy season the following route between Maricao and Rio Lata is better than the above, being over a harder country:—</p> <table border="1"> <thead> <tr> <th>To Maricao as above.</th> <th>Miles.</th> <th>Days.</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Atacortumbá</td> <td>13</td> <td>0</td> <td>11½</td> <td>0</td> <td>Wells</td> <td>Abundant</td> <td>75 houses. At 7 m. pass Escamela. At 11 m. Katsiray, 50 houses, well, and tank; supplies scarce.</td> </tr> <tr> <td>Cotac</td> <td>8</td> <td>0</td> <td>15½</td> <td>0</td> <td>Unfenced grass river.</td> <td>Ditto</td> <td>30 houses on river. At 4 m. pass Whitehouse, 40 houses, wells, and abundant supplies.</td> </tr> <tr> <td>Guanacastilla</td> <td>8</td> <td>0</td> <td>15½</td> <td>0</td> <td>Abundant</td> <td>0 sheep</td> <td>45 houses. At 2 m. pass Jullia, 80 houses, water and supplies abundant.</td> </tr> <tr> <td>Rio Lata</td> <td>7</td> <td>0</td> <td>—</td> <td>—</td> <td>Abundant</td> <td></td> <td>Large towns and settlements.</td> </tr> <tr> <td>Total</td> <td>—</td> <td>—</td> <td>11½</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">15 March.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									To Maricao as above.	Miles.	Days.						Atacortumbá	13	0	11½	0	Wells	Abundant	75 houses. At 7 m. pass Escamela. At 11 m. Katsiray, 50 houses, well, and tank; supplies scarce.	Cotac	8	0	15½	0	Unfenced grass river.	Ditto	30 houses on river. At 4 m. pass Whitehouse, 40 houses, wells, and abundant supplies.	Guanacastilla	8	0	15½	0	Abundant	0 sheep	45 houses. At 2 m. pass Jullia, 80 houses, water and supplies abundant.	Rio Lata	7	0	—	—	Abundant		Large towns and settlements.	Total	—	—	11½	0				15 March.								
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15 March.																																																																	

General Officer Commanding  
 Northern Division, Abasco, Chile.

Political Agent at Rio Lata.

TABLE No. 92. (1)

FROM BHOOJ TO SUKKUR, BY BUDDEENA, ALLIARKA-TANDA, AND NOWSHARA.

GENERAL DIRECTOR, NEW

[illegible]

Anticipation		Excess of Storage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Miles	Parcels				
		Brought over						
		Palapa	12	8	180	0		
		Shelkai or Shikai	6	1	200	0		
		New Hale B F	18	14	200	1		
		Hydral	11	1	211	2		
		Shikraud B F	15	2	232	4		
		Lomoe or Kimo B	18	0	271	4		
		Dawitagon B F	18	8	288	2		
		Shan B F	18	0	300	2		
		Moynan B F	18	4	316	0		
		Lakia	16	8	326	6		
		General over						

General Officer Commanding Madras District, Kottayam

Collector of Hyderabad

Artificialities.	Military.	Civil.	Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
				Stages.	Total.				
				Miles.	Percentage.				
			Brought over.....	—	830	8			ships, a land route near. At 9 m. 4.5 p.m. the head of a river, about 8.5 km. At 10 m. 1.5. Mangala-Tanda, 25 houses, 8 shops, 4 ponds, wells, and numerous knolls. Five numerous stands on the marsh. Post office at Bama.
		Collector at Hyderabad.	Hydrabad .....	10	8	840	6		Cleared and very good. Wells, large dam west of the town and well. Range ———— possible, and supplies abundant.
			Hydrabad .....	10	8	850	4		Therel's bungalow, Gheramunda, and Police station, large village, and good surrounding ground.
		Collector at Bikaner.	Mangor .....	10	8	860	4		1,000 houses; about a mile to the left, empty. Very ground at some distance N. Country richly cultivated.
			Bikaner .....	10	8	870	4		A large place.
			Patelpur, or Phodipur .....	11	0	881	4		Good, but rather confined; surrounding ground N. of the road, and a hamlet beyond N. At 2 m. Dargah, a large village. At 3 m. Dargah, a large village.
			Lookano-La-Tanda .....	14	3	895	7		Good, but rather confined; surrounding ground N. of the road, and a hamlet beyond N. At 2 m. Dargah, a large village. At 3 m. Dargah, a large village.
			Bere .....	15	3	910	3		Good, but rather confined; surrounding ground N. of the road, and a hamlet beyond N. At 2 m. Dargah, a large village. At 3 m. Dargah, a large village.
			Over the river Indus to camp at Bikaner S.P.T. ....	1	0	—	—		Good, but rather confined; surrounding ground N. of the road, and a hamlet beyond N. At 2 m. Dargah, a large village. At 3 m. Dargah, a large village.
			Total .....	—	—	911	0		Good, but rather confined; surrounding ground N. of the road, and a hamlet beyond N. At 2 m. Dargah, a large village. At 3 m. Dargah, a large village.
			21 March.						Good, but rather confined; surrounding ground N. of the road, and a hamlet beyond N. At 2 m. Dargah, a large village. At 3 m. Dargah, a large village.

Note.—This is the best route for troops from Dargah to Bikaner.

From Hyderabad to Hydrabad by Tharabul is as follows:—

Hydrabad to Tharabul .. 6 A large place with Tharabul's bungalow, Gheramunda, and medical dispensary.  
Tharabul .. 11 A large village.  
Hydrabad .. 6 Tharabul's bungalow, Gheramunda, and Police station.

TABLE No. 92. (2)

## FROM BHOJ TO SUKKUR, BY BALLIAREE, WUNGA BAZAR, AND ALLIYAR-KA-TANDA

GENERAL DIRECTION, N.W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Madras District, Karaikal.	Collector of Hyderabad.	From to Marwar Well.	40	0	1	0	1	Table Table No. 41 (1)
		Duple .....	41	3	1	3	1	Table Table No. 42. (2)
		Wunga Bazar .....	42	3	1	3	1	Table Table No. 43. (3)
		Shaga-in-Teada .....	43	1	1	1	1	Table Table No. 44. (4)
		High Talpur Kharate	15	0	1	0	1	Large village with a bazaar and good surrounding ground. Country partly cultivated, with some jungle, and some small villages.
		Shadkar A.R. ....	11	0	1	0	1	A small village on a canal, and a small fort, occupying ground indifferent. At 3 m. 4 f. from Marwar-in-Gate. At 10 m. 4 f. Duple-in-Gate. Country as before.
		Agar Marwar .....	11	7	1	7	1	A small village in the west of the road, occupying on the bank of a canal. At 1 m. 7 f. from Marwar-in-Gate, 3 wells, and 3 shops. At 3 m. 7 f. Agar Marwar, 3 shops, 3 wells. At 4 m. 3 f. and 6 f. villages called Duple-in-Gate. At 7 m. 2 f. Duple-in-Gate, 3 shops. At 9 m. 7 f. Marwar-in-Gate, 3 shops. At 10 m. 4 f. Duple-in-Gate, 3 shops.
		Alliyar-in-Teada S. P.	18	6	1	6	1	A town with small fort, bazaar, bazaar, and surrounding ground. At 1 m. 3 f. from Marwar, 3 shops, 3 wells. At 3 m. 4 f. Marwar Kharate-in-Gate, 3 shops, 3 wells. At 4 m. 3 f. and 6 f. villages called Duple-in-Gate. At 7 m. 2 f. Duple-in-Gate, 3 shops. At 9 m. 7 f. Marwar Kharate. At 10 m. 4 f. Duple-in-Gate.
		Shadkar .....	17	7	1	7	1	Table Table No. 45. (5)
		Total .....	—	—	40	1	4	

TABLE No. 93.

## FROM BHOJ TO TOONA BUNDER, BY ANJAR.

GENERAL DIRECTION, S.W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Madras District, Karaikal.	Collector of Karaikal.	From to Karaikal .....	13	0	1	0	1	14 houses and small bazaar, occupy near B. country flat and open near the road. At 3 m. 3 f. a bazaar. At 9 m. 7 f. Duple, 180 houses, water abundant. Some a large tank at the river, and 3 wells, 4 shops, supplies plenty, good surrounding ground S. and N. of the tank.
		Carried over .....	—	—	13	0	1	
			13	0	1	0	1	

Ambulance		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
			Miles	Yards				
Military	Civil							
General Officer Commanding Ambulance 1 Division, A. N. S. S. S. S.	Civil	Brought over		10 0				
		1st stage	12 1	28 8	Very heavy sandy road over a plain with a few low hills.	112 wells, 18 of which are brackish, 10 to 12 ft. deep, to the B. side, a tank with water all the year.	Large house, and supplies of grain, &c. in abundance.	Walled town in good order, upwards of 14 in. in circumference, containing 2,400 houses, and a large bungalow formerly built as a Residency occupies N.W. corner of the old fortification. Country to the B. side, N. and W. undulating and open on all sides. At 5 m. 7 1/2 p.m. bungalow, 11 houses, a well and 8 tanks.
		2nd stage	9 2	38 0	Good hard road over an undulating country, soil stony.	50 wells, water pretty good.	Very supplies.	15 houses. The bungalow affords good facilities for watering, as it has a built pool, and troops can embark, drive to the tanks on dry ground. The fort is about 300 yards from the bungalow and the creek runs close to it. The part of Jorah, on the left, is about 31 m. distant, and the route crosses from there to the B. side. Immediately north of Jorah the G. R. of Kutch is situated and nearly closed by a ridge, 11 miles high, there are three channels with saltwater in them and a large one. At 1 m. 8 1/2 from Jorah pass a river, 150 yards wide with J. & K. water, hard bed, and low banks, at 5 m. 8 p.m. 60 houses, 2 tanks, 3 wells, before reaching it about a mile past a small river and 3 wells on the side of the road.
		3rd stage	1 0	-				
		Total		17 8				
		3 Marches.						

TABLE No 94.

## FROM BOMBAY TO DAPOOLEE, BY KAGOTKA AND MIHAR

GENERAL DIRECTION, S. BY E.

Ambulance		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
			Miles	Yards				
Military	Civil							
General Officer Commanding Ambulance 1 Division, A. N. S. S. S. S.	Civil	Bombay to Agartala	30 0	40 0				
		1st stage	9 1	39 1	Good hard road over an undulating country, soil stony.	1 tank.	None.	An extensive village on the left, river, good scenery, an old and a good travellers' bungalow. 1 mile from camp up at 1 p.m. a river of twelve feet at spring tides. Small village, occupying ground all round, and in dry weather also near the river. At 1 m. 8 1/2 p.m. Chakras, a few houses and a well. At 5 m. 1 1/2 p.m. bungalow 10 houses and a well. At 8 m. 1 1/2 p.m. the houses are Bhagwanji river, probably on the left, as the common cross the river at the town of Kaptana. At 1 m. 4 p.m. bungalow, 40 m. past a well, a river. At 8 m. 8 1/2 p.m. bungalow, a long but very good, and a well. No supplies at these villages.
		2nd stage	9 2	48 3				
		3rd stage	9 3	57 6				
		Carried over		58 4				



TABLE No. 94 (I).

## FROM BOMBAY TO BHEWNDY, BY TANNA AND KOLA.

GENERAL DIRECTION, NE, SE. BY N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.						
			Miles.	Furlongs.						
General Officer Commanding Bombay District, Bombay.	Collector of Bombay.	From Bombay Ca- thedral to Kooria P.	11	14	Made road.....	Abundant .....	Abundant ...	Large village and bazar. At 7 f. Marine Barracks on the left. At 2 m. 2 f. the Jamburjee Jogeebhoy Hospital. At 2 m. 0 f. the Byculla Schools on the left. At 3 m. Byculla Railway Station and the Rail- way Bridge. At 3 m. 2 f. Victoria Gardens on the right. At 4 m. 3 f. road from Gov- ernment House joins. At 5 m. 2 f. junc- tion of roads from Government House, Parrell, Woodlee and Dadar Station. At 5 m. 0 f. road to Government House, Parrell, branches off to the right. At 8 m. 7 f. pass Sion Fort on a hill to the right.		
		Tanna ..... B. P. T.	11	4	23	64	Ditto .....	Ditto .....	A large town, fork and travellers' bungalow, Head Quarters of the Collectorate of the Northern Konkan, detachment of Native Infantry here; encamping ground near the fort and tank. At 4½ f. pass Eorboodee. At 1 m. 0½ f. Ghatkoper. At 4 m. 6 f. Har- ralee. At 6 m. 2½ f. Bhandoop. At 8 m. 0½ f. Puda. At 10 m. 2½ f. Nowpara.	
		Koh .....	11	4	38	51	From Tanna 04 m. 2 made road, the road a country cart track	2 kutchas wells and a tank.	Scanty .....	35 houses; encamping ground N.-W. of vil- lage, cross the Tanna creek (456 yards wide, bed rocky) by a bridge. At 5½ f. Khulwakh, 200 houses. At 1 m. 0½ f. Kharoo, 30 houses. At 4 m. 1 f. cross the railroad. At 4 m. 6½ f. Moomra, 15 houses; the road passes close round the hill range near the creek. At 6 m. 1 f. made road to Panwell branches off to the right. At 7 m. 2½ f. a tank to the right of road. At 7 m. 5 f. Dowla, 75 houses. 4 shops, 3 f. left of road. At 8 m. 5½ f. Purna, 20 houses, 2 f. right of road. At 8 m. 7½ f. Nigree Deval, 30 houses, to the left, water from well. At 9 m. 1 f. pass a spring of good water to the right. At 9 m. 5 f. Yottalpada, 10 houses, and a well to the right. At 9 m. 0½ f. Patil- pada, 10 houses, 1 f. to the left, water from well. At 9 m. 7 f. Mahaterwally, 28 houses, 2 shops, water from a well. At 10 m. Talopada, 7 houses. At 10 m. 2 f. a tank to the right, water indifferent. At 10 m. 2 f. cross a tidal stream 117 yards wide, bed muddy and sandy, nearly dry at low tide, 2 or 3 feet deep at high tide. At 10 m. 5 f. a tank to the left, contains water till March. At 10 m. 0½ f. Nura, 50 houses, 1 f. to the right of road. At 10 m. 0½ f. Katre, 1 f. to the left, 40 houses, 3 shops, water good from a tank to the right. There is a hut here where country liquor is sold.
		Kallian ..... P. T.	0	12	30	74	Country cart road during dry weather, over black and red soil.	Abundant .....	Abundant ...	A town with Post and Telegraph offices on the right bank of Colaba river. At 2 f. a spring to the right. At 0 f. Gharnave, 10 houses and a well 2 f. to the left. At 1 m. 1 f. Manpara, 10 houses, to the right. At
		Carried over.....			39	71				
General Officer Commanding Poona Division, Poona.		Collector at Tanna.								

Authorities		Name of Region	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles 1 en ligne	Miles En ligne				
General Officer Commanding Forces, Myanmar, Prome	Collector at Tanu	Brought over		28 7 1/2				1 m 7 1/2 f August 10 houses, road here a story. At 8 m 1/2 f a-rail, 10 houses to the left. At 8 m 29 f a pump well of good water to the left. At 9 m Pothanda, 25 f to the left and Ash 11 f to the right. At 8 m 41 f a road branch off to the left and a m to Ash 7 m to the right. At 4 m 1 f near Gahwale tank to the left. At 4 m 8 f road to Thapa branch off to the right. At 4 m 14 f road to Dapudwe branch off to the right. At 4 m 3 f Pothanda, 20 houses, 1 1/2 f to the right. At 4 m 72 f a spring of good water, 1/2 f to the left. At 5 m 25 f road from Klu we pass here. At 8 m 41 f a wall on left. At 8 m 41 f a wall of good water and the road to Kluwe branch off to the right. At 8 m 81 f pass a wall of good water to the right. At 8 m 14 f road passes on left the road to bridge. At 8 m 81 f a wall of good water to the left and a low bank to the right. At 8 m 71 f are a small bridge. At 8 m 1 f a wall of good water. At 8 m 11 f a tank to the left and a wall to the right.
		Barren by P	6 4		Good wide road through an open country	Uncertain	Abundant	A small open town on a creek, fields at low water. At Minkoon River, the bed there is hard and gravelly, elsewhere muddy. Over the river from halber British Post Office here.
		Total		40 3 1/2				
		1 March						

Note.—Tropes (at Thaw and Kluwe) passed from Bhamo, the former by Route No 101 (I), and the latter by Route No 95 and 122



TABLE No. 95.

## FROM BOMBAY TO DEOLALEE, BY TANNA AND THE TULL GHAUT.

GENERAL DIRECTION, NE. BY N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Bombay District.		Bombay Cathedral to Koorin.	11	14	11	14	Made road ..	Abundant .....	Abundant ...	Large village and bazar. At 7 f. pass the Marine Battalion Lines on the left. At 2 m. 3 f. the Jamsetjee Jeejeebhoy Hospital on right. At 3 m. 0 f. the Byculla Schools on left. At 3 m. Byculla Railway Station and the Railway bridge. At 4 m. 3 f. road to Government House, Parrell, branches off on right. At 5 m. 2 f. junction of roads from Parrell, Worlee, and Dadur. At 6 m. 0 f. road from Government House, Parrell, joins on right. At 8 m. 7 f. Blon, the fort on the hill to the right.
		Tanna ..... R.P.T.	11	4	22	54	Through an open and cultivated country, road made.	Ditto .....	Ditto ...	Town, fort, and military post; travellers' bungalow. Post and Telegraph offices; encamping ground near the fort and tank. At 4 f. pass Koorbodee; at 1 m. 0 f. Ghazlooper; at 4 m. 5 f. Harrellie; at 5 m. 34 f. Bhankloop; at 8 m. 0 f. Pada; at 10 m. 23 f. Kowpan.
		Bhorwady..... P.	0	4	32	14	Ditto ..	Tank and wells ...	Ditto ...	A small town with branch Post office. At 4 m. 14 f. pass Collette bunder, and cross creek by a ferry-boat. Country flat and marshy near ferry. The creek at high-water is about 200 yards wide; the channel is fordable from Tanna at low-water, but the bed is rocky.
		Dohala .....	12	0	44	14	Ditto ..	Wells .....	Limited .....	Good encamping ground; troops should encamp here in preference to Purga, on account of the water. Pass the Bhorwady creek close to the village, always passable; also the villages of Beemar, Chincholee, Borowlee, Wabolee, Tullowlee; and at 8 m. 8 f. Purga, large place, wells, and bazar. Cross numerous nullas in this stage; and at 10 m. 7 f. the Koombere river.
		Shapoor ..... P.	10	0	54	14	Road much the same, but country more jungly; the jungle in some parts is thick.	Wells and Bhumgre river.	Abundant ...	200 houses, and Post office; encamp near river, which always has water in it, and in the rains is a broad and rapid stream. Pass Koseembra and Tandlooe, small places; and at 2 m. 8 f. Kusama, 100 houses, 3 shops, and wells. Pass Tulloo; and at 8 m. 6 f. Sarnalee river and village. At 4 m. 24 f. Wassind or Foolchair, 100 houses, bazar, and wells. At 5 m. 2 f. Khatooloe, 80 houses. At 8 m. 1 f. Asungum; and at 9 m. 34 f. cross the river at the end of the stage. A great many nullas on this stage.
General Officer Commanding Poona Division, Poona.	Collector at Tanna.	Kurdee .....	11	24	65	34	Ditto ..	Wells and tank	Bazar .....	150 houses; encamp N.E. Pass on this stage the villages of Gungar, Choorpoo, Poonda, Athgum, Koseemba, Kullungum, Lohla, Olawda, and Combarthoree, small places, none of them far from the road, with wells. Cross also a great many nullas and the Poornatra ghaut at about 4 m. from Shapoor.
		Carried over.....			65	34				

Authoring		Miles of Stage	Distances		Road and Soil	Water	Supplies	Remarks				
Military	Civil		Stage	Total								
			Miles Packings	Miles Packings								
General Officer Commanding Forces, Divisional Forces.		Brought over		60 24	Good road to road, and low and across all wood all bridged	Wells and wells also a tank dry in the last sec- tion	Dinner	80 houses and British Post office occupying ground h.R. The village is at the foot of the Tall Hill. The road is through a mountainous country. From the village of Gulistan, Darnah, Combarah, Bawal and Mahara.				
		Kannur P	12 0	77 24								
		Top of the Tall Hill, Nipponn. B P T	8 44	85 8								
		Waru Wari	15 0	101 0								
		Deshlah away Quarter Guard. B P T	11 8									
		Total		126 8								
		12 March										
		The route via Lanki is as follows —										
		From Bombay Waru Wari. B P T	12 8	101 8	Made road Ditto	Plains, Gals, Pindal very river	Ditto	As above.				
		Deshlah Quarter Guard P T	7 24	112 3								
		Total		120 71								
		12 March										
General Officer Commanding Bombay Division.		Brought over		60 24	Good road to road, and low and across all wood all bridged	Wells and wells also a tank dry in the last sec- tion	Dinner	80 houses and British Post office occupying ground h.R. The village is at the foot of the Tall Hill. The road is through a mountainous country. From the village of Gulistan, Darnah, Combarah, Bawal and Mahara.				
		Kannur P	12 0	77 24								
		Top of the Tall Hill, Nipponn. B P T	8 44	85 8								
		Waru Wari	15 0	101 0								
		Deshlah away Quarter Guard. B P T	11 8									
		Total		126 8								
		12 March										
		The route via Lanki is as follows —										
		From Bombay Waru Wari. B P T	12 8	101 8								
		Deshlah Quarter Guard P T	7 24	112 3								
		Total		120 71								
		12 March										

Notes.—The distances by rail from Bombay through Feroze Station to Deshlah in 1212 miles

TABLE No. 96. (1)

FROM BOMBAY TO MAHABLESHWUR, BY NAGOTNA, MHAR, AND THE  
AMBEE NULLEE OR FITZGERALD GHAUT.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
			Single.		Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.	Collector of Colaba at Alibag.	Bombay to Mhar ...	...	...	60	2	.....	.....	.....	See Table No. 64.
		Koladpoor or Poldapoor, B.	10	3	00	5	Made road .....	Abundant, from wells and river.	Abundant, 20 shops.	175 houses, dhurumals, and travellers' bungalow; encamping ground S. At 1 m. 3 f. cross the Savitree river to Kondeota, 10 houses. At 2 m. 3 f. road to the Wurrunda ghaut branches off to the left. At 3 m. 1 1/2 f. Kunda, 50 houses, 1 shop, and road to Wurrunda ghaut on the left. At 5 m. 7 f. Paria, 50 houses. At 8 m. 4 1/2 f. cross a nulla 60 yards wide, bed sandy, delay of some hours after heavy rain. Made road to Chiploon branches off to the right from Poldapoor.
		Warn or Koomuroosee, B.	15	1 1/2	105	0 1/2	Ditto .....	Wells and nulla ...	None .....	20 houses and travellers' bungalow; encamping ground confined. At 4 f. cross the Uholsee river, 90 yards wide, bed rocky, delay of some hours after heavy rain. At 0 1/2 f. cross a nulla 60 yards wide, bed stony. At 1 m. 3 f. Deleora, 8 houses. At 3 m. 3 1/2 f. cross the Sowtee river, 27 yards wide, bed sandy to Nana Kapra, 180 houses, 8 shops. At 5 m. 1 1/2 f. cross the Ghorowasee river, 48 yards wide, delay of several hours after heavy rain. At 5 m. 2 f. old road to Mahableshwar branches off to the right, and ascent of the Ambee Nullee or FitzGerald ghaut commences. At 6 m. 4 f. Kaprache Maharowda. At 6 m. 7 1/2 f. Kapra. At 8 m. 7 f. Kaprache Waroo. At 10 m. 8 f. Oheerree Khind. At 12 m. 4 1/2 f. Bowlee about a furlong to the left. At 14 m. 0 1/2 f. Ambee nullee (top of ghaut); the ascent of the ghaut easy.
	Collector at Satara.	Mahableshwar, Malcoln Palt Church, B.P.T.	10	1 1/2	...	...	Ditto .....	Wells and tanks ...	Abundant ...	A large convalescent station with several Government bungalows for sick officers; a large leazar, dhurumals, travellers' bungalow, Post and Telegraph offices. The village and temples of Mahableshwar at the source of the Krishna river are about 4 m. from the church. Good encamping ground about a mile from the church on the road to Satara. At 1 m. 8 1/2 f. pass Jowlee, 20 houses. At 1 m. 5 1/2 f. cross the Koonra river, 47 yards wide (bridged) to Harroose, 25 houses; the ascent of the ghaut commences here. At 3 m. 5 1/2 f. Donceerree Khind. At 8 m. 3 f. a good spring of water. At 8 m. 5 1/2 f. Tulnaka Nist, 20 houses, 2 wells. At 8 m. 7 1/2 f. top of ghaut and road from Bombay joins on right. At 9 m. 5 1/2 f. pass the Protestant burial ground on the right.
		Total.....	...	...	110	...				
		7 Marches from Nagotna to Mahableshwar.								

TABLE No 96 (2)

## FROM BOMBAY TO MAHABLESHWUR, BY NAGOTNA, MHAR, AND PAR.

## GENERAL DESCRIPTION AND

Authorities		Name of Stage	Distance.		Road and Soil	Water	Supplies	REMARKS.
			Stage.	Total.				
Military	Civil		Miles.	Per stage.	Miles.	Per stage.		
General Officer Commanding Fourth Division, Poona.	Collector of Customs at A. B. S. S.	Bombay to Mhar.			80.3			vide Table No. 94.
		Parbhur or Kolhapur	10	8	80.3			vide Table No. 95 (1).
		Par	11	8 1/2	101 1/2			
		Mahabaleshwar	5	8 1/2				
		Total			10 1/2	8 1/2		
		7 1/2 miles from Nagotna to Mahabaleshwar						
</								

Notes.—(1) About 40 m. of land journey can be saved on the route between Bombay and Mhar by taking the passage by sea to Bhatkela, and thence up the Krishna river (20 miles) to Mhar. The sea voyage to Mhar usually occupies from 12 to 24 hours according to the wind. From Parbhur to the middle of May the passage is generally favourable. It is recommended to leave Bombay in the evening so as to arrive at Bhatkela in the morning, and get the sea breeze up the river. Boats of 10 and 20 crewmen make the voyage from Bhatkela to Mhar in two days. Smaller boats, under favourable circumstances, in one.

TABLE No. 97.

## FROM BOMBAY TO MATHERAN VIA NAREL.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles.	Furlongs.						
		Miles.	Furlongs.	Miles.	Furlongs.					
		From Bombay to Rhoady.	...	...	32	14	.....	.....	.....	Tide Table No. 85.
		Kallian P.T. ....	0	4	39	54	Cleared road, but not kept in repair.	Abundant	Abundant	1 town with Post and Telegraph offices on the left bank of Oolam river (crossed by a ferry), formerly the Mahomedan capital of the Konkan, but now much reduced; encamp near a large tank E. of the town. A large and good ferry boat here.
		Koolgum .....	9	74	48	44	Do. ....	Wells and nulls	3 shops	50 houses; encamping ground W. Badnapoor Railway station E. of the village. At 1 m. 0 1/2 f. cross the Woldan river, 70 yards wide, banks easy, bed muddy. At 4 m. 5 f. Kausac, 20 houses. At 6 m. 6 1/2 f. Khoowaj, 10 houses. At 8 m. 8 1/2 f. Belolee, 20 houses, and cross the railway to Koolgum. Cross 22 nulls in this stage.
		Narel .....	11	5	60	11	Do. ....	Do. ....	15 shops	100 houses, and Railway station about 4 f. left of the road; encamping ground NE. of the bank of the Oolam river. At 1 m. 2 f. Khurwac, 40 houses, 1 shop. At 2 m. 3 1/2 f. Chandolee, 15 houses. At 4 m. 5 1/2 f. Gornigum, 20 houses. At 10 m. Damut, 50 houses, 3 shops. At 11 m. 2 1/2 f. cross the railroad. Cross 38 nulls in this stage.
		Matheran Post office. P.T. ....	8	11	...	...	Cleared road, 10 feet wide; soil red and rocky.	Abundant	Abundant	A convalescent station with several bungalows; encamping ground to the W. of the Post office. At 4 f. cross the railroad to the station. At 0 1/2 f. the village of Narel. At 1 m. 5 f. commence ascent which is very steep and winding. At 4 m. 4 f. dhurum-sah and a spring of good water. At 5 m. 4 f. top of hill. At 7 m. 3 f. Matheran. At 7 m. 4 f. Police chowkee and dhurum-mala. Ponies, palkees, and coolies, can be had at Narel.
		Total...	...	...	88	3				
		7 Marches.								

NOTE.—The distance by rail from Bombay (Borree Bunder Station) to Narel is 53 miles. From Narel Station to the Post Office at Matheran is 7 m. 8 1/2 f.



(To be substituted for Table No. 99, page 199.)

REVISED TABLE No. 99.

POONA TO BOMBAY BY KHANDALLA, PANWELL, DYSIR-CHAPADA AND TANNA.

GENERAL DIRECTION, W.N.W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
<hr/>								
Collector at Poona.		St. Mary's Church, Poona to Nigree.	13	5½	Made road. ....	Sufficient. ....	Limited. ....	A small village. At 7½ f. pass the Arsenal. At 1 m. 0½ f. the Sassoon Hospital and road to Ghorepar on right. At 2 m. 5½ f. cross the Moota river, bridged, and then pass the Judge's Court and residence and the Engineering College. At 2 m. 7½ f. road from Gansah Khind joins. At 3 m. 3½ f. road from the City of Poona joins here. At 3 m. 0½ f. road to Bhangar branches off to the left. At 4 m. 2½ f. road from Holkar's Bridge joins on right. At 5 m. 1 f. Kirkree Post Office. At 5 m. 3 f. Kirkree Church. At 5 m. 0½ f. Kirkree Railway Station on left. At 6 m. 3 f. road to Holkar's Bridge branches off on the right. At 8 m. 5½ f. cross the Mota river (Daporoa bridge). At 7 m. 4 f. road from Chakan joins on right and Daporoa village and garden on left. At 8 m. 4½ f. pass Kasseerwara.
		Wurgum. ....	10	5½	Do. ....	Abundant. ....	Abundant. ....	At 1 m. 2 f. the old road from Bhojapur joins on right. At 4 m. 3 f. the old road from Poonoorce joins on left. At 7 m. 6 f. Tallegaum Khind.
		Karlee. ....	11	1	Do. with bridges and drains. ....	Do. ....	Limited. ....	A small village to the left amongst trees. Travellers' bungalow. The celebrated Caves are on the hill about 2 miles to the north of camping ground. At 3 m. Kurnala. At 4 m. 2 f. Naigann. At 8 m. Kurkalla, a large village with Munstead's bungalow, a Post Office and Railway Station. At 7 m. Khannet. At 8 m. cross the Indravento river, bridged. The plain near Karlee is often flooded during the rains.
		Khandalla, J. L. ....	7	5½	Do. ....	Do. ....	Abundant. ....	A large village at the top of the Shero Ghat, a large Ghaut (travellers' bungalow and barracks for 150 men. At 3 m. 5 f. past Wal-wan.
		Wondal. ....	14	1	Do. ....	Do. ....	Limited, but procurable from Chowk. ....	A small village with good encamping ground. At 1 m. 3 f. the descent of the Shero Ghaut commences. At 5 m. 2½ f. Kurn-poolce at the foot of the Ghaut, branch Post Office here. At 7 m. ½ f. road to Penu branches off to the left. At 10 m. 1½ f. Khulpur.
Collector at Tanna.		Panwell (bridge at east end of town). ....	12	5½	Do. ....	Do. ....	Abundant. ....	A large place with Post Office; the bunder is two miles from the bridge. At 3 m. 1½ f. Chowk, a large village.
		Dysir-Chapada. ....	11	1½	Moongra road, with bridges and drains. ....	Well and a tank. ....	None. ....	13 houses; encamping ground to the S.W. of road, police guard and store for keeping Engineer's working tools. Pass through the town of Panwell. At 0 f. the road to Colven bunder branches off to the left. At 7 f. the road to Dysir turns north. At 3 m. 1½ f. cross a large nullah. At 2 m. 0½ f. cross another nullah, 75 yards wide, banks
		Carried over. ....	...	61	14			

[illegible]



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Poona Division.	Collector at Nasik.	Brought over.....	.. ..	129 34	Road tolerable; red soil for 2 1/2 m., the rest black. The last 8 m. well cleared.	Tank and wells ...	Moderate ...	The principal town in the district. At 2 m. 3 f. pass Adoo. At 3 m. 6 f. cross the Damun Ganga river, bed rocky; good encamping ground on its banks, and at Point. There is a more direct road from Harwood, but only fit for foot passengers. Point is 8 m. 8 f. from the top of the Sawul Ghaut, a short and easy one, practicable for carts, and much frequented leading from Dammau to the upper country.
		Point .....	12	0				
		Total.....	...	141 84				
		13 Marches.						

TABLE No. 99.

## FROM BOMBAY TO POONA, BY TANNA, PANWELL, AND KHUNDALA.

GENERAL DIRECTION, ESE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.				
Genl. Off. Commanding Bombay Division.	Collector at Tanna.	Bombay to Koorla .....	...	11 14	Made road	Abundant	Abundant	<p>Hide Table No. 23. (1)</p> <p>Hide Table No. 23. (2)</p> <p>A large cantonment and Civil station; head quarters of the Poona Division; Post and Telegraph offices. At 6 m. 1 f. pass Kaxarwared. At 6 m. 5 f. road from Clakun joins on left and Daporeo village and garden on right. At 7 m. cross the Moola river (Daporeo bridge). At 7 m. 2 1/2 f. road to Molar's bridge branches off on the left. At 7 m. 7 f. Kikoo Railway station on right. At 8 m. 2 1/2 f. Kikoo Church. At 8 m. 5 f. Post office. At 9 m. 3 f. road from Holkar's bridge joins on left. At 9 m. 7 f. road to Singurk branches off to the right. At 10 m. 2 f. road to the City of Poona. At 10 m. 6 f. road from Ganes Khind joins on right and joins the Engineering College. At 11 m. the Judge's Residence, and Court, and cross the Moola river (bridged). At 11 m. 7 f. the Season Hospital and road to Uboropore on left. At 12 m. 6 f. the Arsenal.</p>
		Tanna .....	11	4				
		Dysir .....	10	0 1/2				
		Panwell .....	11	14				
		Woundel .....	12	5 1/2				
		Khundala .....	14	1				
		Karico .....	7	5 1/2				
		Wargum .....	11	1				
		Nigres .....	10	5 1/2				
		Poona Cantonment	13	5 1/2				
		St. Mary's Church						
		P.T.						
		Total.....	...	114 5 1/2				
		10 Marches.						

Authority		Name of Stage	Distance		Road and No. 1.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Yards				
			Miles	Yards				
The route from Agaña to Pohn by the Holman's and Fitzgerald's bridges as at table is —								
General Officer Commanding Naval Forces	Civilian at Pohn	As it goes above		101	0			
		Pohn Church P T	73	4		Abundant	Abundant	11 Y = Papete bridge. At 7 Y = S. J. road. 10 Y = Holman's bridge. At 11 Y = S. J. road. At 12 Y = S. J. road. At 13 Y = S. J. road. At 14 Y = S. J. road. At 15 Y = S. J. road. At 16 Y = S. J. road. At 17 Y = S. J. road. At 18 Y = S. J. road. At 19 Y = S. J. road. At 20 Y = S. J. road. At 21 Y = S. J. road. At 22 Y = S. J. road. At 23 Y = S. J. road. At 24 Y = S. J. road. At 25 Y = S. J. road. At 26 Y = S. J. road. At 27 Y = S. J. road. At 28 Y = S. J. road. At 29 Y = S. J. road. At 30 Y = S. J. road. At 31 Y = S. J. road. At 32 Y = S. J. road. At 33 Y = S. J. road. At 34 Y = S. J. road. At 35 Y = S. J. road. At 36 Y = S. J. road. At 37 Y = S. J. road. At 38 Y = S. J. road. At 39 Y = S. J. road. At 40 Y = S. J. road. At 41 Y = S. J. road. At 42 Y = S. J. road. At 43 Y = S. J. road. At 44 Y = S. J. road. At 45 Y = S. J. road. At 46 Y = S. J. road. At 47 Y = S. J. road. At 48 Y = S. J. road. At 49 Y = S. J. road. At 50 Y = S. J. road. At 51 Y = S. J. road. At 52 Y = S. J. road. At 53 Y = S. J. road. At 54 Y = S. J. road. At 55 Y = S. J. road. At 56 Y = S. J. road. At 57 Y = S. J. road. At 58 Y = S. J. road. At 59 Y = S. J. road. At 60 Y = S. J. road. At 61 Y = S. J. road. At 62 Y = S. J. road. At 63 Y = S. J. road. At 64 Y = S. J. road. At 65 Y = S. J. road. At 66 Y = S. J. road. At 67 Y = S. J. road. At 68 Y = S. J. road. At 69 Y = S. J. road. At 70 Y = S. J. road. At 71 Y = S. J. road. At 72 Y = S. J. road. At 73 Y = S. J. road. At 74 Y = S. J. road. At 75 Y = S. J. road. At 76 Y = S. J. road. At 77 Y = S. J. road. At 78 Y = S. J. road. At 79 Y = S. J. road. At 80 Y = S. J. road. At 81 Y = S. J. road. At 82 Y = S. J. road. At 83 Y = S. J. road. At 84 Y = S. J. road. At 85 Y = S. J. road. At 86 Y = S. J. road. At 87 Y = S. J. road. At 88 Y = S. J. road. At 89 Y = S. J. road. At 90 Y = S. J. road. At 91 Y = S. J. road. At 92 Y = S. J. road. At 93 Y = S. J. road. At 94 Y = S. J. road. At 95 Y = S. J. road. At 96 Y = S. J. road. At 97 Y = S. J. road. At 98 Y = S. J. road. At 99 Y = S. J. road. At 100 Y = S. J. road. At 101 Y = S. J. road. At 102 Y = S. J. road. At 103 Y = S. J. road. At 104 Y = S. J. road. At 105 Y = S. J. road. At 106 Y = S. J. road. At 107 Y = S. J. road. At 108 Y = S. J. road. At 109 Y = S. J. road. At 110 Y = S. J. road. At 111 Y = S. J. road. At 112 Y = S. J. road. At 113 Y = S. J. road. At 114 Y = S. J. road. At 115 Y = S. J. road. At 116 Y = S. J. road. At 117 Y = S. J. road. At 118 Y = S. J. road. At 119 Y = S. J. road. At 120 Y = S. J. road. At 121 Y = S. J. road. At 122 Y = S. J. road. At 123 Y = S. J. road. At 124 Y = S. J. road. At 125 Y = S. J. road. At 126 Y = S. J. road. At 127 Y = S. J. road. At 128 Y = S. J. road. At 129 Y = S. J. road. At 130 Y = S. J. road. At 131 Y = S. J. road. At 132 Y = S. J. road. At 133 Y = S. J. road. At 134 Y = S. J. road. At 135 Y = S. J. road. At 136 Y = S. J. road. At 137 Y = S. J. road. At 138 Y = S. J. road. At 139 Y = S. J. road. At 140 Y = S. J. road. At 141 Y = S. J. road. At 142 Y = S. J. road. At 143 Y = S. J. road. At 144 Y = S. J. road. At 145 Y = S. J. road. At 146 Y = S. J. road. At 147 Y = S. J. road. At 148 Y = S. J. road. At 149 Y = S. J. road. At 150 Y = S. J. road. At 151 Y = S. J. road. At 152 Y = S. J. road. At 153 Y = S. J. road. At 154 Y = S. J. road. At 155 Y = S. J. road. At 156 Y = S. J. road. At 157 Y = S. J. road. At 158 Y = S. J. road. At 159 Y = S. J. road. At 160 Y = S. J. road. At 161 Y = S. J. road. At 162 Y = S. J. road. At 163 Y = S. J. road. At 164 Y = S. J. road. At 165 Y = S. J. road. At 166 Y = S. J. road. At 167 Y = S. J. road. At 168 Y = S. J. road. At 169 Y = S. J. road. At 170 Y = S. J. road. At 171 Y = S. J. road. At 172 Y = S. J. road. At 173 Y = S. J. road. At 174 Y = S. J. road. At 175 Y = S. J. road. At 176 Y = S. J. road. At 177 Y = S. J. road. At 178 Y = S. J. road. At 179 Y = S. J. road. At 180 Y = S. J. road. At 181 Y = S. J. road. At 182 Y = S. J. road. At 183 Y = S. J. road. At 184 Y = S. J. road. At 185 Y = S. J. road. At 186 Y = S. J. road. At 187 Y = S. J. road. At 188 Y = S. J. road. At 189 Y = S. J. road. At 190 Y = S. J. road. At 191 Y = S. J. road. At 192 Y = S. J. road. At 193 Y = S. J. road. At 194 Y = S. J. road. At 195 Y = S. J. road. At 196 Y = S. J. road. At 197 Y = S. J. road. At 198 Y = S. J. road. At 199 Y = S. J. road. At 200 Y = S. J. road. At 201 Y = S. J. road. At 202 Y = S. J. road. At 203 Y = S. J. road. At 204 Y = S. J. road. At 205 Y = S. J. road. At 206 Y = S. J. road. At 207 Y = S. J. road. At 208 Y = S. J. road. At 209 Y = S. J. road. At 210 Y = S. J. road. At 211 Y = S. J. road. At 212 Y = S. J. road. At 213 Y = S. J. road. At 214 Y = S. J. road. At 215 Y = S. J. road. At 216 Y = S. J. road. At 217 Y = S. J. road. At 218 Y = S. J. road. At 219 Y = S. J. road. At 220 Y = S. J. road. At 221 Y = S. J. road. At 222 Y = S. J. road. At 223 Y = S. J. road. At 224 Y = S. J. road. At 225 Y = S. J. road. At 226 Y = S. J. road. At 227 Y = S. J. road. At 228 Y = S. J. road. At 229 Y = S. J. road. At 230 Y = S. J. road. At 231 Y = S. J. road. At 232 Y = S. J. road. At 233 Y = S. J. road. At 234 Y = S. J. road. At 235 Y = S. J. road. At 236 Y = S. J. road. At 237 Y = S. J. road. At 238 Y = S. J. road. At 239 Y = S. J. road. At 240 Y = S. J. road. At 241 Y = S. J. road. At 242 Y = S. J. road. At 243 Y = S. J. road. At 244 Y = S. J. road. At 245 Y = S. J. road. At 246 Y = S. J. road. At 247 Y = S. J. road. At 248 Y = S. J. road. At 249 Y = S. J. road. At 250 Y = S. J. road. At 251 Y = S. J. road. At 252 Y = S. J. road. At 253 Y = S. J. road. At 254 Y = S. J. road. At 255 Y = S. J. road. At 256 Y = S. J. road. At 257 Y = S. J. road. At 258 Y = S. J. road. At 259 Y = S. J. road. At 260 Y = S. J. road. At 261 Y = S. J. road. At 262 Y = S. J. road. At

The distance by rail from Bombay to Poona is 118 miles

TABLE No. 100

FROM BOMBAY TO RUTNAGHERY, BY NAGOTNA, MHAR, AND CHIPLOOY

GENERAL INFORMATION: 1. 11-11-68

Location		Name of Village	Distance				Road and Soil	Water	Supplies	REMARKS
			Stage	Trail						
Military	Civil		Miles	Package	Miles	Package				
General Officer Commanding Front Division Poon	Outposts of Chukha at Akhong	From Boundary to Misty Kashapoor			80	8				See Table No. 81  " " " " 82 (7)  Good mangrove ground near (1) a stream At 2 = 8 1/2 / from Dhamdham 87 houses At 6 = 14 / all again 108 houses. At 7 = 6 / top of Shivalik coll. and 5 houses 1 well and travellers' bungalows
		Kashapoor	10	3	90	8				
		Kashapoor	11	7 1/2	102	42	Shale road bridged	soil is	Wells and springs	
General Officer Com manding 100 of Bangalore	Outposts at Mungahary	Khad P	12	6 1/2	116	8 1/2	Do	-	Drinks well, and 100 sheep Pugaboo to it	100 houses, Dhamdham, 100 wells & Mandi At 2 = 8 1/2 / good ground on ground, on At 2 = 1 1/2 / Khawier 108 houses 40 sheep, air from wells. At 8 = 12 / Khawier 80 houses 1 sheep. At 10 = 14 / Mangher 100 houses, 1 sheep water from river. At 14 = 8 1/2 / Wave 78 houses At 18 = 8 / Khawier 60 houses. Country hilly and luxuriant
		Correct over			115	8 1/2				





Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage		Total					
			Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Madras District, Madras	Collector at Bathagheery	Through over			164	7	Outside road with some trees and walls steep and rough as a rule, latterly very bad	None	Moderate slope	At 2 m 8 f crossing river to Madras, a large village with walls and abundant supplies from 18 stages on the S bank of the great Madras can come up as high water. The river is fordable except in the flood. At 5 m 4 f Madras is reached. At 11 m 8 f Madras is reached.
		Pongam	12	2	167	1				
		Wall and Distances	18	6	177	7				
		Bathagheery (Bend)	9	7 1/2	-	-				
		Total	-	-	167	7				
		12 Marches								

TABLE No 101 (1)

## FROM BOMBAY TO SURAT, BY BHEWNDY AND BUGWARA. (The Inner Route)

## GENERAL DIRECTION, N

Authorities		Names of Stages.	Distances				Road and Soil.	Water.	Supplies.	REMARKS.
			Stage		Total					
Military	Civil		Miles	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona	Civilian at Tanna	Bombay to Kutch	11	1 1/2	11	1 1/2	Over low ground chiefly red soil	Wells and rivet sleep always		20 houses across W. At 1 1/2 across a creek 2.0 yards wide affected by the tide and admits small creek. possible at high tide At 8 f. pass Bhatia. At 1 m 2 f. Kutch
		Tanna	11	4	22	4 1/2				
		Bhewendy	8	4	30	1 1/2				
		Mayana	6	1 1/2	36	3 1/2				
					36	3 1/2				
		Grand over			36	3 1/2				

Authorization		Name of Stage	Balances		Food and Fuel	Water	Supplies	Remarks
			Miles	Percentage				
Mile	Day	Orbit	Miles	Percentage				
			11	1	30	35		100 houses, 1 shop, 8 wells, and 3 tanks. At 4 m 34/ Ledyche or Ledyche 75 houses, 8 wells and wells, some yellow. Over the drainage creek half way 100 yards wide; bed story, looks 8 feet. At 8 m 37/ some a well with some sand. Low swampy ground from Kharat, with some jungle.
		Brought over						
		Station	11	1	40	44		Over higher ground, and through jungle to 75 houses, then a good road over red soil and high 1 mile long ground.
		Kharat	10	84	01	44		Level bed and narrow among the hills on a generally black, with much jungle.
		Chikangpur	11	87	78	0		Level good over red soil and black (1) river water by the side.
		Barth and over	13	77	80	67		Level country open on (10 left) red sand with black soil black road generally good but many stages of trees.
		Carried over			80	44		

Antiquities		Name of Stage.	Distance.		Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage	Total				
			Miles. P. stage	Miles. P. stage				
General Officer Commanding Pussu Division, Pussu		Brought over		83 1/2				
		Magnum	9 1/2	93 1/2	Level country, open on hills the left and covered with black and black soil generally good, but many stones of trees and in parts through thick jungle		None	30 houses very good occupying ground E. At 1 = 31/2 f. over a wide rocky plain to the river. No supplies water from tank and wells. At 1 = 7 1/2 f. cross the Bhandra mulla, and at 2 = 8 1/2 f. the Kankar mulla. At 3 = 8 1/2 f. pass Bhandra water across and bed, no supplies. Cross a well at the end, several other mulla are crossed in this stage, but none of them offer any access whatever to the passage of troops. Thick bushes people near Bhandra.
		Magnum	9 1/2	107 1/2	Land generally good, but broken by stones of trees, and much watered by mulla and salt swamps	Good from 3 wells tank, and river bed	1 sheep, mulla but for age dead	Small ridges 40 houses 1 dharmashala. Dry, barren occupying ground on both sides of the river on the south one side distant, at a large tank on the north, close to the village. Cross four small rocky mulla, and the Bhandra river at 7 f. from Magnum, 30 yards wide and at 1 = 4 1/2 f. Bhandra river muddy bed, these are fordable at all times except spring tides. At 1 = 8 1/2 f. Arava, 10 houses no supplies, water from river. Cross three stone mulla to a mulla river at 2 = 6 1/2 f. muddy bed, always fordable except at spring tides. At 4 = 3 1/2 f. Bhandra near Jya Bhandra, a few scattered houses, on the Bhandra mulla, no supplies. Thick jungle from Bhandra, which becomes denser here. The road is Jya Bhandra turns off to the left. At 5 = 7 1/2 f. over the Gadar river, bank country and muddy, bed rocky, not fordable after rain, muddy banks. At 6 = 6 1/2 f. Bhandra, 20 houses with many trees, 5 wells and tank, no supplies. At 10 = 6 f. across Wazir's river not fordable at spring tides or in the rainy bed broad and rocky. Country generally open and cultivated from Bhandra.
General Officer Commanding Northern Division, Allahabad		Karamulla	10	117 1/2	Dry and good road, over undulating country	Darva river	3 sheep	28 houses about a mile to the right of the road, good occupying ground W. Country open and undulating, with cultivation near village. Cross two branches of the Bhandra creek to Wazir's. At 1 = 4 1/2 f. a tank on the right no supplies. At 10 = 3 1/2 f. and again on both sides from Wazir's and several villages are passed at some distance off on either side. At 10 = 6 f. across Darva river, 30 yards wide, banks 80 feet high and muddy bed rocky, frequently fordable in the dry.
		Bhandra	9 1/2	126 1/2	Ground level and sandy, black and white and blackish earth	Wells and Kankar river	10 sheep, mulla but for age dead	30 houses. Cross a rocky and difficult mulla to Bhandra, which is at the foot of the hill feet of Annapurna good occupying ground to the N. near a mulla. At 2 = 4 1/2 f. cross the mulla. At 3 = 7 1/2 f. cross the Bhandra river, 30 yards wide, left bank low, right bank, bed rocky, and difficult fordable during the season and spring tides only. Fine occupying ground on both banks. At 4 = 7 1/2 f. Wazir's 100 houses 0 wells and several tanks. Red very strong. At 5 = 4 1/2 f. and from the mulla pass on left and cross the mulla. At 6 = 7 f. Bhandra 30 houses and a tank. At 10 = 4 1/2 f. cross the Bhandra river to Bhandra, 0 houses and a well. 71 houses 30 yards wide, not cultivated by the tribe but frequently used as the main. At 7 = 4 1/2 f. across Kankar river, 100 yards wide, bed very rapid and sandy banks 20 feet high, not cultivated by the tribe but occasionally during a great part of the rainy than jungle.
		General over		126 1/2				

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Primary	Other		Miles.	Perchages	Miles.	Perchages		
General Commanding Bombay District, Ahmedabad.	Collector at Bharat.	Brought over		180	0			
		Falder or Fardes P.	0 1/2	184	1/2	Clear road	Tank and wells	Water
		To Bharat	0 1/2					
		Total		180	1/2			
		29 Miles						

NOTE.—The above route has been surveyed and reported on as the best line for a main road, during all seasons. It differs from the cart-road in two places: first, from Mahesana to Bharat, where it takes a direct course instead of striking off to the left to the towns of Tumpoor & Ghosla, by which 8 m. & numerous difficult creeks and salt marshes are saved; the second, from Bhilai Daries to Ghosla, avoiding Daries by which about 1 m. is saved and a difficult river crossed. In the present state, the road cannot be considered practicable before November, until which time the road has [see Table (2)] to be produced.

From Bombay (Canton Station) to Bharat (Bharat) by rail as 180 miles

TABLE No. 101 (2)

## FROM BOMBAY TO SURAT, BY THE COAST, BASSEIN, AND DEMIAUN.

## GENERAL DESCRIPTION, &amp;c

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Primary	Other		Miles.	Perchages	Miles.	Perchages		
General Commanding Bombay District, Bombay	Collector at Thana.	Bombay Cathedral to Bharat at the junction road to the Railway Station.	0 1	0 1	Goodness local and rigo road.	Abundant	Abundant	The road crosses the Pappanadi and passes through the main street of the town, leaves the Governor's house at Porli to the right, at about 5 m. then road to Thana branches off to the right. At 8 m. 1/2 f through the Bhilai Woods to the town of Bharat, on the S. side of an arm of the sea, which is crossed by a fine causeway 5 f in length, built by the Bombay Local Govt., crossing the fields beyond the town of Bharat.
		Mulla	0 2	10	Good made road	Abundant, with tank	Abundant	A large village 1 1/2 f to the left occupying ground in fields 1/2 f from the church. At 7 1/2 f pass Karagumra At 8 m. 1/2 f Ghosla road and well At 9 m. Porli At 10 m. 1/2 f Pda At 11 m. 1/2 f Ankhola 120 houses and 3 shops, road to Yama branches off to the right At 12 m. 1/2 f Karsna Ankh. At 13 m. 1/2 f Ghosla At 14 m. 1/2 f Doria Pda
		Ghosla	0 7 1/2	37	Ditto	Good, from wells	Abundant	180 houses and a dharmashala occupying ground 1/2 f from the church in one field At 15 m. 1/2 f Pona, 200 houses and a small lane At 16 m. 1/2 f Doria Railway station and across the railway At 17 m. 1/2 f Bhaya, 1/2 f left At 18 m. 1/2 f Mera.
		Ground over		37				



Authorities.		Names of Stages.	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Postmiles				
		Brought over		XI 2 $\frac{1}{2}$				
		Bham	0	0	By boat across the	Abundant	Abundant	A large town, with travellers' bungalows, 1 m. from the headquarters. Crossed at noon of the day from Ghorabandur. A large ferry boat runs here.
		BP		33 2 $\frac{1}{2}$				
		Shalpoora	11	0	Road generally hard and sandy, along the sea beach (1 m.) therefore preferable in the rainy, but to avoid detentions from the numerous creeks it is advisable to travel between the springs during which many of the streams are with great rapidity and are dangerous, unless crossed with great caution.	Ditto	Ditto	A large village, cultivated country. Crossed a creek at the end of the stage.
		Dunatara	0	4	Ditto	Ditto	3 shops	180 houses. At 4 m. 1 f. pass Agarsa a large village, with a dispensary, supplies and water abundant. At 8 m. 4 f. cross the Wyndham creek, which is 2 m. broad at high water and at low water is full of shallow. It must be crossed in boats.
		Seorgoora	18	3	Ditto	Ditto	Moderate shops.	250 houses. At 7 m. 4 f. pass Darda, 100 houses, 3 shops. Crossed an extensive swamp from Dunatara. Dry at low-tide. Crossed Darda river to Kibara or Kibara at 8 m. 1 f. 800 houses 1 shop. water abundant. The creek is 600 yards wide at spring tides and unfordable at a 6 ft. water. At 10 m. 7 f. cross creek to Mahara a large town with dispensary, water and supplies abundant. Crossed a creek at the end of the stage, fordable at low water.
		Obasara	14	4	Ditto	Abundant, from a good tank.	Abundant	800 houses and a good house. extensive swampy ground to the D. near a large tank. At 8 m. 3 f. pass Shalpoora 40 houses, no supplies. At 8 m. cross Shalpoora creek to Kharoon 100 houses, 1 shop, supplies abundant. The creek extends the entire distance from Shalpoora to Mahara, the price per animal is under the 8 tank. It is fordable at low water, but the rapidly, and must be crossed with care. At 6 m. 3 f. Mahara, 100 houses, water abundant, and 1 shop. At 8 m. 8 f. Agarsa 200 houses water abundant. At 7 m. 7 f. Seorgoora 100 houses water abundant. At 8 m. 4 f. cross Sorend Mah creek fordable at low water. good encamping ground on the bank. At 9 m. 3 f. cross Dhar creek to Pagers, 60 houses, no supplies. The creek is before. At 14 m. cross the Service creek to Thimpoor, 250 houses with an old source of water on the W. shore to the creek; good encamping ground at the 8 m. near a good tank. water and supplies abundant. Crossed a creek to Obasara fordable only at low water. At high water, large boats come up to the town.
		Daree P	0	8	Ditto	Abundant tank.	Moderate; 7 shops.	A town and fort on the Service river, which is 700 yards wide with rocky bed and muddy banks and is crossed by boats. The ferry is opposite the fort. At 8 m. 7 f. cross creek to Dar, 80 houses, no supplies.
		Carried over		81 7 $\frac{1}{2}$				

Authority		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles	Package	Miles	Package			
General Officer Commanding Forces Jharkhand, Poona	Collector at Thane	Brought over			21 73				
		Convergence P	18 9		138 63	Good generally level and sandy, along the sea beach at 15, therefore preferable in the rain, but to avoid detention from the numerous creeks, it is preferable to cross between the springs, during which many of the streams fill with great rapidity and are dangerous, and are crossed with great caution	Abundant	Abundant	A small fort and town of 500 houses on the S. bank of a broad and navigable river, Coos Kumbha or Waghmala creek to Chikla at 5 m 7 f 40 houses, no supplies. The creek is not fordable after heavy rain. At 8 m 8 f Coos Kumbha creek to Chikla, 80 houses, 1 shop, water abundant; creek fordable at low water. Cross two creeks to Chikla or Jya Kumbha, at 18 m 8 f 500 houses, close to U's beach, water abun- dant, from good wells and tank on U, 8 shops and large abundant pool as crossing ground to U's beach; creek to Chikla, at 17 m 1 f 180 houses, creek as above. Cross the Jya creek and a mile to Gop, at 17 m 1 f 180 houses, creek as above. At 18 m 3 f 100 houses, 200 houses; water abundant 1 shop. Cross an easy mile to old Convergence at 18 m 7 f 200 houses, 1 shop, water abundant.
		Convergence southern suburb of Dahanu P	18 4		132 53	Ditto	Ditto	Ditto	The town is above to the fort on the SW side, and on the S bank of the Purna Creek, a deep navigable stream, never fordable, and 150 yards wide at the ferry. The N and W banks of the fort are washed by the sea, high water spring (12 ft, at 2 1/2 46 to and rise of tide 18 ft). Cross Kumbha river to Margad at 1 m 5 f 150 houses, abundant water 2 shops. The river is crossed by boat immediately on leaving Convergence. At 4 m 2 f 100 houses, creek fordable at high water only. At 7 m 3 f 100 houses, 200 houses, water abundant 1 shop. Cross creek to 1 gun at 14 m 7 f 200 houses, 1 shop; water abundant; creek fordable at low water. Cross Kumbha creek to Kalya at 18 m 5 f, 200 houses, water abundant, 1 shop. Creek crossed by boat, except at neap tides. Cross Kalya river to Japur at 15 m 6 f, 18 houses, water scarce; no supplies. The river is crossed by a bad ford, navigable at high water.
General Officer Commanding Northern Division, Ahmedabad	Collector at Thane	Convergence	11 0		190 81	Ditto	Ditto	3 shops	200 houses and 100 houses. Cross Dahanu Creek river to Old Dahanu. At 1 m 2 f a fort and suburb, with a bungalow in a garden, which can be occupied as a place for the authorities. At 2 m 8 f 100 houses, no supplies. Cross creek and Dahanu river to Kotha at 3 m 4 f, 100 houses, and a flour mill; water abundant, and 1 shop. River crossed by boat. At 6 m 8 f 100 houses, 200 houses; water and supplies abundant. Cross Purna creek to Convergence.
		Suburb P	0 5		190 73	Good good soil level soil sandy and black.	Abundant from tanks and wells	Abundant	A town and battery, good occupying ground 8 railway station and flour mill. The town is on the Orange river, to which loads of 100 mules come at night to be from Convergence (10 m) and leave the coast near which it is run from Lavelle. Cross the Orange river to Dahanu at 1 m, 80 houses, water also had, no supplies. End of the river 100 and rocky, 8 feet water in December. Cross Purna creek to Margad at 1 m 7 f, 100 houses, chiefly black soil, water abundant, no supplies. Cross river and creek to Ahir at 8 m, 90 houses, water abundant; no supplies.
		Carried over			190 73				

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Railway.	Civil.		Stages.	Total.				
			Miles.	Furlongs.				
General Officer Commanding Southern Division, Madras.	Collector at Bangalore.	Brought over .....	—	—	112	71		
		Ondara .....	10	4	120	81		Road good, with the exception of a few low hills; roll black.
		To Bangalore .....	37	61	—	—		Abundant. Good 12 shops.
		Total .....	—	—	107	8		100 houses about 4 f. left; good surrounding ground all the way after crossing the Kaveria creek. The creek is not fordable at the bridge. Over three acres in and the Ban river at 4 m., only 3 f.; no arched ground for occupying on both banks. The creek and river are all fordable at low-water.
		18 Mares.	—	—	—	—		Full Table No. 21.

TABLE No. 102.

## FROM BOMBAY TO TOONGAR HILL.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Railway.	Civil.		Stages.	Total.				
			Miles.	Furlongs.				
General Officer Commanding Towns Division, Bombay.	Collector at Towns.	Bombay to Parvati .....	—	—	23	25		
		Chikhanda .....	8	14	29	61		Side Table No. 101. (2)
		Toongar Hill (the Collector's Station) .....	—	—	—	—		100 houses, surrounding ground is in fields. The road passes through the forest and town of Chikhanda. At 1 m. 5 f. road to Amravati branches off on left. At 2 m. 5 f. Pappad. At 2 m. 5 f. crosses a creek by a crossway 8 f. in length. At 4 m. 11 f. Mandrapur, 200 houses, 8 shops. At 4 m. 6 f. Parvati Station and cross the Railway. At 8 m. 3 f. crosses a creek by an arched bridge.
		Total .....	—	—	18	11		hill station 2,200 feet above the level of the sea; surrounding ground N.E. of the Collector's Station. At 4 f. the cart road to Mandrapur branches off on the left. At 4 f. crosses the Karamnadi, and at 5 m. At 2 m. 1 f. Pappad on right. At 2 m. 5 f. (Gudra) on left. At 8 m. 1 f. the ascent of the Toongar Hill commences which is very steep and winding and 3 m. 1 f. in length. At 8 m. 6 f. Chikhanda on left.
		8 Mares.	—	—	—	—		

NOTE.—By the B. and C. J. Railway from Bombay (Chorlton Station) to Parvati Station (123 miles), thence up the hill by a cleared road is 30 m.

TABLE No 109

FROM BOMBAY TO TROMBAY, BY SION.

### CENTRAL DIRECTORIES, IN

[illegible]

TABLE No. 104.

FROM DAPOLLEE TO BEEJAPPOOR, BY KOOMBARLEE GHAT, KURRAE, AND JUTT.

GENERAL COLLECTION, JR.

Authority.		Names of Bridges.	Distances.		Road and Rail.	Water.	Supplies.	REMARKS.
			Stages.	Total.				
Military.	Civil.		Miles.	Fathoms.				
		From the Church at Papoules to Phnom.	10	31				Good cleared road every-where including country. Some native bridges, soil red and rocky.
		English	11	31				280 houses, occupying ground N. At 2 1/2 f. over English, 28 houses. At 3 m. 2 1/2 f. Ma-hu-ru-ru. At 3 m. 4 1/2 f. over a small 20 yards wide. At 3 m. 7 1/2 f. across the mts., and at 1 m. 2 1/2 f. over again. At 5 m. 2 1/2 f. Koudou-ru, 40 houses. At 7 m. 2 1/2 f. wall and clearings. At 8 m. 2 1/2 f. Nara, 8 huts. At 8 m. 2 1/2 f. commenced a short descent. At 9 m. 2 1/2 f. end of descent. At 9 m. 4 1/2 f. a wall.
		Chiphone (Gare) F.	12	0				30 houses. At 2 1/2 f. over the Pailine river, 20 yards wide, bed sandy, delay of some hours after heavy rain. At 2 m. 4 1/2 f. over the Jachou-ru river, 70 yards wide, bed sandy, banks easy, a temporary bridge erected in the river for 1 or 2 persons. At 2 m. 7 1/2 f. a wall. At 3 m. 5 1/2 f. Tachou-ru, 20 houses. At 4 m. 2 1/2 f. over a small 40 yards wide, bed sandy, banks easy, delay of some hours after heavy rain. At 4 m. 4 f. a large house, 200 houses, 100 shops, Chirou-ru, Ma-tai-ru's hot, heavy and Police station, good cement was covered on by trees near the bank. At 5 m. 2 1/2 f. over the Jachou-ru river, 200 yards wide, bed sandy, not fordable during high spring tides, and in the rain, a small ferry boat for 20 men here. At 6 m. 2 1/2 f. Ma-tai-ru was re, 40 houses. At 8 m. 7 1/2 f. Jachou-ru, 40 houses. Easy ground from Hhou-ru wares.
		Seveng-ru	10	2 1/2				175 houses and Chirou-ru, occupying ground N. on the bank of the river. At 1 1/2 f. over the Seve river (bridge). At 4 1/2 f. road to Sam-ru-ru branches off to the right. At 2 m. Ma-hu-ru, 10 houses. At 4 m. 4 f. over the Kachou-ru river (bridge). At 4 m. 2 1/2 f. Phou-ru (small), 50 houses. At 6 m. 2 1/2 f. Phou-ru (large) 180 houses, 1 shop, the Chiphone river runs along the left.
		Carried over			45	81		

General Officer Commanding Kelantan District, Singapore.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supply	Remarks
Military	Civil		Stages	Total				
			Miles	Per stage				
General Officer Commanding Frontier Division, Poonah.		Brought over		13 81				
		Halsgral	14 9	00 14	Made road, bridged	Abundant, river and wells	On stage near bet on Wed sundays.	30 houses 2 1/2 m. onwards ascending ground west At 5 1/2 f. Pothigamam, 25 houses. At 2 = 11 f. Well house and well at the foot of the Kumbharis plain At 4 = 31 f. Spring of good water At 8 = 6 f. another spring At 10 = 7 1/2 f. top of plain (Kumbharis Khad) At 11 = 6 f. bottom of Khad.
		Dehion P	13 81	73 41	Dehio	Dehio	25 stages	100 houses Mandat's Lathery, Channas, Post office, P. Box station and the primary school are on the bank of the Kumbharis river about the Poonah river near Halsgral (on road) At 11 7 1/2 f. Wagon house At 18 = 11 f. Gokar was 30 houses At 11 = 11 f. Kumbharis, 15 houses. The Kumbharis river runs on the right the whole distance.
		Makhar Fort or Makhar	8 0	51 41	Dehio	Dehio	Dehio	180 houses, Channas, Poonah station on one side ground N and S At 21 f. with road in Channas on both sides off to the left At 3 = 11 f. a Channas for 30 travellers At 4 = 1 f. Adah, 100 houses and Channas.
		Kumbharis Channas on right bank of river N E	13 81	91 21	Dehio	Dehio	At station 100 stages	small town 1,000 houses Channas for 20 travellers two officers, Kumbharis, Village dispensary, Kumbharis a latrine, P. Box station, Post office, ascending ground up to the N. of the river At 12 f. Gokar was 4 houses At 18 = 13 f. and to Gokar branch off to the left At 1 = 9 f. the fur 30 houses At 6 = 3 f. Channas, 20 houses At 8 = 3 f. Kumbharis, 25 houses At 12 = 14 f. and from Poonah station on left At 11 = 4 f. cross the Kumbharis river (y an was built). The Post office is the town is 8 f. from the Channas, the travellers' bungalow N. f. and the primary school ground 41 f.
		Kumbharis	13 1	107 81	Channas road, soil black	Wells and Wanga river	10 stages with 1/2 m. lat	400 houses Channas on right ascending ground At 12 f. travellers' bungalow, and the road to the ascending ground branches off to the right At 11 = 11 f. house of Kumbharis the left At 1 = 11 f. cross the Kumbharis river 200 yards a day, but a mile, and very few carts as a ferry boat is the town At 3 = 11 f. cross a canal, and it is a cleared road to Channas branches off to the left At 5 = 4 f. Halsgral 20 houses about a distance to the right At 7 = 3 f. cross a mile, 25 yards well house, but only 100 yards of 3 = 8 houses after 100 yards At 8 = 2 f. Makhar 100 houses and 1 stage At 7 = 3 f. cross a road At 18 = 7 f. top of plain made road At 18 = 7 f. cross the Wanga river, 87 yards wide house, but only 100 yards for carts on the right. Cross 25 small ponds in this stage.
		Tongah P	14 11	121 7	Dehio	25 wells	20 stages, mostly a latrine	A large village 202 houses, 3 Channas, 10 f. from Channas and Mandat's latrine, 100 houses 100 f. from ascending ground At 13 = 11 f. cross a mile 40 yards wide house but a mile At 8 = 2 f. cross the cleared road from Halsgral to Poonah to Kumbharis 300 houses 10 f. from the north and 10 f. from the south At 4 = 3 f. cross the Wanga river 100 yards wide house, but only 100 yards for carts on the right. Cross 25 small ponds in this stage.
		General Officer		121 7				

Antithesis		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Package					Miles	Package
General Officer Commanding Poona Division, Poona.		Brought over			181	7		Warm, 180 houses. At 7 m. 4 1/2 f. cross the Yash river 140 yards wide, low banks, bed sandy. Delay of some days after heavy rain. At 7 m. 7 1/2 f. cross a nulla 64 yards wide. At 8 m. 4 1/2 f. Kharwadnath village 10 houses, cross 12 nullas in the stage. Country open and arid.		
		Kharwar	18	14	199	04	Charred road and red.	80 wells	28 shops, mostly black.	A large village surrounded by a wall 285 houses, 2 dharmshalas and school, many big grounds in fields. At 1 1/2 f. cross the charred road from Maynagar to Sangam. At 3 m. 1 1/2 f. Kharwadnath village, 10 houses. At 3 m. 2 1/2 f. Kharwadnath village 1 m. to the top, and road made. At 5 m. 8 1/2 f. Kharwar, 280 houses, 2 shops. At 6 m. 7 1/2 f. Kharwar, about 40 f. road made. At 7 m. 6 f. Kharwadnath 200 houses, about 3 f. on right cross 26 small nullas in the stage.
		Kharwar	18	11	167	51	Charred road and black.	Wells	1 shop	200 houses, about 2 f. to the right. At 1 m. 6 1/2 f. Kharwar 20 houses, 2 f. on left. At 2 m. 4 1/2 f. Kharwar, 20 houses. At 3 m. 4 1/2 f. cross the Yash river, 80 yards wide, bed sandy, banks low. At 5 m. 8 1/2 f. Kharwar 180 houses, 2 shops and a dharmshala. At 7 m. 5 1/2 f. Kharwar 20 houses. At 8 m. 5 f. Kharwadnath 20 houses, long and road made. Cross 18 small nullas in the stage.
		Kharwar	8	04	186	3	Do	17 wells	18 shops, mostly black.	200 houses, about 2 f. to the right. At 1 m. 6 1/2 f. Kharwar 20 houses, 2 f. on left. At 2 m. 4 1/2 f. Kharwar, 20 houses. At 3 m. 4 1/2 f. cross the Yash river, 80 yards wide, bed sandy, banks low. At 5 m. 8 1/2 f. Kharwar 180 houses, 2 shops and a dharmshala. At 7 m. 5 1/2 f. Kharwar 20 houses. At 8 m. 5 f. Kharwadnath 20 houses, long and road made. Cross 18 small nullas in the stage.
		Kharwar	18	04	186	04	Do	Wells and nulls	2 shops	200 houses and a dharmshala. At 8 1/2 f. cross a nulla 81 yards wide, bed rocky, banks low. At 9 1/2 f. cross charred road from Kharwar to Kharwar. At 4 m. 8 1/2 f. cross a nulla 180 yards wide, bed rocky, banks low. At 5 m. 8 1/2 f. Kharwadnath, 100 houses, 1 shop and a dharmshala. At 6 m. 4 1/2 f. cross a nulla 14 yards wide. At 7 m. 6 1/2 f. cross Kharwadnath nulls, 80 yards wide. At 8 m. 5 f. Kharwadnath, 70 houses, 1 shop. Cross 18 small nullas in the stage.
General Officer Commanding Poona Division, District, Poona.		Yash P	8	04	172	71	Good charred road, soil black.		18 shops, mostly black.	A large village 200 houses, 2 schools, dharmshala, bungalow in a garden. A small fort with palisade and a kitchen. At 1 1/2 f. cross a nulla 27 yards wide. At 1 m. 4 1/2 f. cross a nulla 26 yards wide. At 2 m. 5 f. cross a nulla 23 yards wide. At 3 m. 6 f. cross Kharwar nulls, 60 yards wide, bed sandy, delay of some hours after heavy rain. At 7 m. 7 1/2 f. cross a nulla 40 yards wide. Cross 8 small nullas in the stage.
		Kharwar or Kharwar	18	8	187	51	Do	Wells and nulls	8 shops	200 houses. At 5 1/2 f. cross a nulla 80 yards wide. At 1 m. 6 1/2 f. cross the nulls. At 2 m. 7 f. cross a nulla 23 yards wide. At 3 m. 7 1/2 f. cross a nulla 67 yards wide. At 4 m. 8 f. cross a nulla 10 yards wide. At 5 m. 8 1/2 f. cross a nulla 40 yards wide. At 6 m. 7 1/2 f. Kharwadnath 200 houses, 2 shops and across the Kharwar nulls 81 yards wide. At 10 m. 4 1/2 f. cross the Kharwar nulls 40 yards wide. At 12 m. 3 1/2 f. cross the Kharwadnath nulls, 80 yards wide. At 13 m. 6 1/2 f. cross a nulla 70 yards wide. Cross 8 small nullas in the stage.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
			Stages	Total	Miles	Package				
Military	Civil		Miles	Package	Miles	Package				
General Officer Commanding Hyderabad District	Collector of Hyderabad	Brought over			187	64				
		Talukdar or Officer	11	34	186	31	Clear road	Wells	30 sheep	800 houses, surrounded by a mud wall on empty ground near High Road to Beg. At 3 1/2 miles a well 40 yards wide. At 8 m. 3 1/2 f. across a well 30 yards wide. At 4 m. 1 1/2 f. Begun 1800 houses, 9 sheep. At 6 m. 4 1/2 f. across a well 10 yards wide. At 7 m. 5 1/2 f. across a well 200 houses, 4 sheep. (Over 3 miles) within 100 yards.
		Postman	13	34			Clear road	Abundant	Abundant	Large village called from formerly the Malakonda Capital of the District, celebrated for the splendid tombs of the Kings. Post office; troops may encamp near this village or on the N. side or on the low High lands to the south. The latter is most convenient for water supplies and shade but is difficult of approach. At 9 m. 4 1/2 f. road from Malakonda to right. At 4 m. 3 1/2 f. across a well 30 yards wide. At 7 m. 5 1/2 f. old wall of Begun. At 8 m. 9 f. across Lowland well, 30 yards wide. At 9 m. 6 1/2 f. towards 400 houses, 30 sheep. At 11 m. 3 f. Begun. At 12 m. 1 f. over the road from Malakonda to Kishore. Close to small wells in this stage.
		Total			311	94				
		18 March								

TABLE No 105  
FROM DAPOOLAH TO HURNEE.  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
			Stages	Total	Miles	Package				
Military	Civil		Miles	Package	Miles	Package				
General Officer Commanding Hyderabad District	Collector of Hyderabad	From Church to Dapoolah to Hurnee	8	41			Mud road	Wells	Abundant	A large village, 800 houses, surrounded by mud wall, 100 yards wide, the largest in the district north of the High Road; the largest is a more open road, 100 yards wide. At 11 m. 1 1/2 f. from Church to Dapoolah. At 13 m. 1 1/2 f. across Lowland well, 30 yards wide. At 15 m. 2 f. towards 30 houses. From 6 m. 5 f. the road runs along the sea beach for 1 m. 1 f.
		Total			8	41				

NOTE.—The distance by sea from Hurnee to Bombay is about 84 miles



TABLE No. 106 (1)

## FROM DAPOOLEN TO KOLAPOOR, BY THE AMBA GHAUT.

GENERAL DESCRIPTION, &amp;c.

General Officer Commanding Bangalore District, Bangalore.

Full-time Agent at Kolapore

Collector at Bangalore

Colonel of Bangalore

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS.
Military	Civil		Stages	Total				
			Miles Furlongs	Miles Furlongs				
		From the Church at Dapoolen to Pannur Vagith	10 51	10 51	Good cleared road over undulating country	.		} Fide Table No 104
		Chiplam	11 51	21 51				
		Howards	12 51	33 51	-----	---	---	
		Arrows	10 51	43 51				} Fide Table No 180.
		Bangalore	6 51	50 51				
		Dynorah	11 7	61 7				
			10 5	71 5	Cattle track	Wells and river	10 stages	120 houses and 8000 cattle; extensive ground W. At 1 m 8 f Low's 30 houses. At 3 m 7 f across the River river 150 yards wide, but scarcely wet fertile during heavy rain. At 4 m 1 f Karthick, 150 houses. At 5 m 2 f commence ascent of Kumbhachal glacier At 6 m 11 f top of peak. At 7 m 11 f Tambiah's house, 30 houses. At 8 m 2 f across ridge to Kumbhachal, 30 yards wide, dry of a few hours after heavy rain. At 10 m 11 f across the Bangalore river, 30 yards wide but sandy, dry after heavy rain
		Malayappa junction of road from Dapoolen	7 7	61 51	Wide	River	From Dapoolen poor	18 houses extensive ground W. At 1 m 6 f commence descent of Kumbhachal glacier. At 2 m 7 f end of descent and across the River river 150 yards wide fertile in November a heavy load about 2 miles south. At 3 m Crosses river "4 houses & commence ascent of Kumbhachal glacier At 4 m 1 f Wells 100 houses 10 wells At 4 m 21 f top of peak (summit) At 5 m 1 f commence descent of Kumbhachal glacier At 7 m 1 f end of descent and across ridge 15 yards wide At 7 m 21 f Kumbhachal
		Ambaram	7 51	62 0	Wide road for 24 miles/ wells to the foot of the Amba ghaut. The road up the glacier is a cattle track and very steep and difficult and		1 stage	30 houses 8000 cattle; extensive ground W. At 1 m 11 f Malayappa 15 houses At 1 m 11 f Malayappa, 15 houses. At 2 m 11 f Mourne water 15 houses Panna chowhee, and a large stream for 300 travellers. At 3 m 11 f Kumbhachal 150 houses. At 4 m 11 f across the Kumbhachal river, dry of a few hours after heavy rain. At 5 m 11 f cross ascent of the Amba ghaut. At 6 m 11 f top of peak. At 7 m 2 f a tank
		Malayappa P	10 02	102 02	Country and track	Wells and river	Abundant 180 sheep	200 houses 8000 cattle; extensive ground on the right bank of the Ghales river 20 of Uerling. At 71 f Thavara 15 houses. At 8 m 2 f temple and well At 8 m 21 f Chandikali, 40 houses At 4 m 21 f a temple At 5 m 11 f across the Karthick river, 30 yards wide but sandy, dry of a few hours after heavy rain. At 7 m 21 f Kumbhachal 30 houses
		Carried over		102 02				

Ankerbois.		Names of Stages.	Distances.		Road and Rail.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
		Brought over	--	--	137	54		
Collector at Belgazem.	Tahach or Gorming		11	54	148	54	Clear road	Water
							10 shops	360 houses, surrounded by a mud wall, occupying ground near Hajee Bakh's Dargah. At 8 1/2 f. cross a wall 50 yards wide. At 9 m. 2 1/2 f. cross a wall 15 yards wide. At 4 m. 1 1/2 f. Baghazem, 360 houses, 6 shops. At 6 m. 2 1/2 f. cross a wall 15 yards wide. At 7 m. 3 1/2 f. Baghazem, 360 houses, 6 shops. Green 8 small wells in this stage.
Collector at Khatkhata.	Baghazem or Khatkhata P.	Foot	13	54	--	--	Clear road	Abundant
		Total	--	--	211	54		
		18 Miles.						Large railway walled town, formerly the Mahomedan Capital of the Dehkan, selected for the splendid tomb of the King. Post office; troops; very narrow new Baghazem or on the W. side, at the Baghazem inside the town; the latter is most overlooked as regards water supplies and shade, but is deficient of approach. At 8 m. 11 f. road from Meerut takes an right. At 4 m. 5 1/2 f. cross a wall 50 yards wide. At 7 m. 5 1/2 f. off road of Baghazem. At 8 m. 2 1/2 f. cross Baghazem wall 15 yards wide. At 8 m. 2 1/2 f. Baghazem, 420 houses, 10 shops. At 12 m. 2 1/2 f. Baghazem. At 13 m. 2 1/2 f. cross the road from Baghazem to Khatkhata. Green 8 small wells in this stage.

TABLE No. 105

FROM DAPOLNH TO HURNEL

**CENTRAL DIRECTORATE, NYA**

Authority.		Name of Stream.	Discharge.		Bed and Soil.	Water.	Supply.	Remarks.
			Stage.	Total.				
Ministry.	Card.		Mean.	Fast-flow.	Mean.	Fast-flow.		
General Office U.S. Fish Commission, Washington, D.C.	Collected by Henry.	From Church at Delaware to Illinois River, Kan.	5	4	Made road, with bridge.	Wells	Abundant	A large fishing village, 200 houses, twelve churches, and several Post-offices; numerous general stores at the junction; the junction is a more open market place in the fall, force of the NW. wind. At 1 m. S.E. from Government, 200 houses. At 2 m. S.E. above. At 3 m. S.E. Ascend, 50 houses. At 4 m. S.E. Stillmore, 20 houses. From 6 m. S.E. the road runs along the river bank for 1 m. S.E.
		Total.	-	-				

NOTE--The distance by sea from Havana to Bombay is about 84 miles.

TABLE No. 106. (1)

FROM DAPOOLHE TO KOLAPOOR, BY THE AMBA GHAT.

GENERAL DISCUSSION 21

Attribution.		Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
		Kilometers.		Miles.					
Military.	Civil.	Number of Days.	Stages.	Days.	Miles.	Stages.	Days.	Miles.	Stages.
		From the Church of Dapunta to Poon-rari.	10	84	10	84			
		Kayak	11	84	11	84			
		Chapin	12	84	12	84			
		Karaka	13	84	13	84			
		Arwaia	14	84	14	84			
		Kangra	15	84	15	84			
		Deerbrook	16	84	16	84			
			17	84	17	84			
			18	84	18	84			
			19	84	19	84			
			20	84	20	84			
			21	84	21	84			
			22	84	22	84			
			23	84	23	84			
			24	84	24	84			
			25	84	25	84			
			26	84	26	84			
			27	84	27	84			
			28	84	28	84			
			29	84	29	84			
			30	84	30	84			
			31	84	31	84			
			32	84	32	84			
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			92	84	92	84			
			93	84	93	84			
			94	84	94	84			
			95	84	95	84			
			96	84	96	84			
			97	84	97	84			
			98	84	98	84			
			99	84	99	84			
			100	84	100	84			

Authorities		Names of Bridges	Distances.		Road and Soil	Water	Supplies	Remarks.
			Stages	Total				
Military	Civil		Miles	Package				
		Brought over		100 0				
		Barabati	1.8	7 1/2	100 0			
								</

TABLE No 106. (2)

FROM DAPOOLIN TO KOLAPOOR, BY CHIPLOON, SUNGUMSHWAR, THE THYRA  
GHAUT, AND KAMAREE.

## GENERAL DESCRIPTION AND

Authorities.		Names of Bridges	Distances		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles.	Package				
General Officer Commanding Madras District Madras.	Civilian or Native	From Dapoolin			86	1 1/2		File Table No. 101
		Chiploon						
		Sungumshwar	80	1 1/2	86	1 1/2		File Table No. 100
		General over			86	1 1/2		

Table No 101

Table No 100



Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Per stage				
General Officer Commanding Bangalore District Bangalore	Political Agents at Kollegal	Reached over		134 71	Mud road	Wells	No shop	<p>to Kollegal branches off to the right. At 8 m 41/2 P.M. 640 houses, 13 shops and 3 dharmashalas. At 9 m 1 1/2 a dharmashala and a mile road from Sedim to Kollegal Junction.</p> <p>280 houses, dharmashalas and travellers' bungalow, prominent among my ground R. At 8 m 1/2 P.M. 150 houses, 1 shop, and dharmashala. At 9 m 1 1/2 f. Thambabettu 120 houses 4 shops, and dharmashala. At 9 m 5 1/2 f. Kumbalagutta, 50 houses, and dharmashala. At 9 m 1 1/2 f. across the Wang river, 213 yards wide, (bridged) by a bridge of 11 piers (bridge built by British Government). A large walled town, the residence of a Rajah, travellers' bungalow Post and Telegraph office. The town is about 5 m to the NW of the cantonment. At 1 m 1 1/2 f. W. 180 houses. At 8 m. f. 200 houses, 1 dharmashala 3 shops. At 10 a mile road from Mysore junction on left. At 11 m 1 1/2 f. across the Yana Ganga river, (bridged) At 12 m 5 f. road from Bangalore Junction on left. At 13 m 7 f. (travellers' bungalow in the cantonment, of Kollegal</p>
		Kumara	9 71	143 61				
		Kollegal Cantonment Post office 3 7 1/2	14 71					
		Total		158 41				
		14 Marches.						

TABLE No. 107. (1)

FROM DAPOOLHE TO MAHABLESWUR, BY KUND, POLADPOOR, AND THE AMBER NULKEH OR FITZGERALD GHAUT.

GENERAL DIRECTIONS, ETC.

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
			Stages	Total						
Military	Civil		Miles	Per stage					Miles	Per stage
General Officer Commanding Bangalore District Bangalore	Collector at Bangalore	From Dapoolhe to	10	51	10	51	Good cleared road over undulating country	Wells and Ponds in river	No shop	
		Reached over								

Authority		Name of Range.	Distance		Road and Soil	Water	Vegetation	Remarks		
			Stage.	Total						
Military	Civil		Miles	Furlongs						
General Officer Commanding Bangalore District Brigade	Collector of Bangalore	Brought over		10	64	Good cleared road over undulating country	Abundant	Abundant 100 sheep	200 houses, Chikmagalur, Pottolli and Main holder's huts, occupying ground under three pastures. At 8 1/2 / cross the Pottolli river, 45 yards wide, valley of several houses after heavy rain. At 9 m 4 1/2 / cross the Pottolli river, 70 yards wide had steady banks easy, a narrow temporary bridge created on the water by the village. At 10 m 7 1/2 / a well. At 11 m 8 1/2 / Talahalli, 25 houses. At 12 m 14 / cross a creek, 40 yards wide had steady, valley of some houses after heavy rain.	
		At 6	0	16	64					
	Collector of Bangalore	Kumbhale	12	47	23	11	Ditto	Ditto	Ditto	Tale Table No 100
		Paluppur or Kumbhale poor R.	11	73	41	41	Ditto			
		Wani or Kumbhale B	16	14	30	64	Made road			
Collector of Bangalore	Chikmagalur-Malpetta Pottolli Chikmagalur B I T	10	31			Ditto	Ditto	Ditto	Tale Table No 98 (1)	
	Total			70	71					
		8 Verahes								

TABLE No. 107 (2)

FROM DAPOOLEE TO MAHABLESHWUR, BY LUTWAN, POLADPOOR, AND PAR.

GENERAL DESCRIPTION, &amp;c

Authority		Name of Range.	Distance.		Road and Soil	Water	Vegetation.	Remarks.				
			Stage	Total.								
Military	Civil		Miles.	Furlongs.	Miles.	Furlongs.						
General Officer Commanding the Bangalore District Brigade	Collector of Bangalore.	From Dapool to Pottolli or Pottolli river	7	41			7	41	Rough and difficult in parts	Abundant	None	Small village of 25 houses; occupying ground low and marshy. At 8 m 11 1/2 / pass the Pottolli river, 40 yards wide, and well.
		Kumbhale	11	11			28	4	Tolerable road except the first 1/4 m which is a rocky highway, a creek, running over hills	Abundant, from hills and wells, one large well near the Chikmagalur	Moderate	200 houses 1/2 / right of the road, but a large Chikmagalur called Ann Chikmagalur on the left with a good well and deep, occupies in some fields to the W in the dry season also under mango trees near the Chikmagalur. At 11 m 11 1/2 / Pottolli river, 10 houses. At 12 m 8 1/2 / Pottolli river, 100 houses and 1 sheep. At 13 m 8 1/2 / Pottolli river, 100 houses, and 1 sheep. At 14 m 8 1/2 / Pottolli river, 100 houses, and 1 sheep.
		Gurur over					18	0				

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks		
Military	Civil		Stages						Total.	
			Miles.	Packings.						Miles
General Officer Commanding Western Division, Poona.	Collector of District of Ahmednagar	Brought over			18	6	Feasible to utilise, but a very bad road, and over very difficult country.	Abundant, from wells and rivers.	Abundant, from wells.	30000 houses, Ahmednagar, and thousands be- low occupying ground S. At 6/ from Ahmednagar, south of the Koria hill 5 1/2 m / 100 houses. At 8 m 1/2 from Koria, or Ahmednagar 80 houses, 1 day 8 wells. At 8 m 1/2 from Ahmednagar 120 houses. At 8 m 1/2 from Ahmednagar also some small 6/ Ahmednagar. At 8 m 1/2 from it, or Ahmednagar to Ahmednagar.
		Policepost or Koria by	10	4	28	12				
	Collector of District of Ahmednagar	For the Ahmednagar Post Office, B P P	11	3 1/2	40	4 1/2				
			6	3 1/2						
		Total			48	3 1/2				
		4 Marches								This Table No. 98 (2)

TABLE No 108 (1)

## FROM DAPOOLHE TO POONA, BY WUBRUNDIA GHAUT AND BHOIR

GENERAL DIRECTORATE, NW

Authorities		Names of Stages	Distances				Road and Soil.	Water	Supplies.	Remarks
Military	Civil		Stages		Total.					
			Miles	Packings	Miles	Packings				
Genl. Officer Commanding Poona Division, Poona	Collector at Solapur	From Dapoolhe to Purandhar, Koria	10	5 1/2	10	5 1/2	Made road, unimproved	Derivatives river	1 day, from Koria 8 m well	This Table No. 107 (1)
		Kumbhake	12	6 1/2	22	11 1/2				
		Policepost	11	7 1/2	33	12 1/2				
		Kumbh or Kumbhake	7	1 1/2	40	14 1/2				
		Wubundia	8	2 1/2	48	17 1/2				
Genl. Officer Commanding Poona Division, Poona	Collector at Dahanu at Ahling						Good, made road, wells and bridge.	Wells and wells	3 days	This Table No. 108
		Wubundia or Koria	18	7 1/2	70	27 1/2	Do	Kumbh river	3 days	

This Table No. 107 (1)

This Table No. 108

40 hours, occupying ground on the banks of the Derivatives river. At 1 m. 1/2 f. across a mile 80 yards wide but steady delay of some hours after heavy rain. At 4 m. 4 f. Party 80 hours. At 7 m. the road to Kumbh branches off to the left.

225 hours and a Derivatives, occupying ground W. At 7 f. across the Derivatives river (on land). At 1 m. 5 f. Kumbh 80 hours. At 1 m. 7 f. Ahling 18 hours. At 8 m. 7 1/2 f. Derivatives 2 f. on left 100 hours 0 day h. and a Derivatives. At 4 m. 1 f. Forest Derivatives 20 hours. At 6 m. 2 f. Kumbh 40 hours. At 8 m. 1 f. well and Derivatives. Country 1 day.

A large village with Derivatives, occupying ground N. At 5 m. 1/2 f. Kumbh 40 hours. 1 day. At 5 m. 1/2 f. a Kumbh. At 8 m. 2 f. a Derivatives, at Dahanu. At 8 m.

50 houses, occupying ground on the banks  
of the Derivatives river. At 1 m. 1/2 from  
Koria 80 yards wide bed steady. Delay of  
some hours after heavy rain. At 4 m 4/2  
from Koria 80 houses. At 5 m 1/2 from Koria  
branches off to the left.

225 houses and a Derivatives occupying  
ground W. At 7 1/2 from the Derivatives river  
(on left). At 1 m. 1/2 from Koria 80 houses.  
At 1 m 1/2 from Koria 18 houses. At 8 m 1/2  
from Koria 2 1/2 m 1/2 180 houses 8 days 4,  
and a Derivatives. At 4 m 1/2 from Koria  
200 houses. At 8 m 1/2 from Koria  
40 houses. At 8 m 1/2 from Koria  
and Derivatives. At 8 m 1/2 from Koria  
and Derivatives.

A large village with Derivatives, occupying  
ground N. At 8 m 1/2 from Koria 40 houses.  
At 8 m 1/2 from Koria 14 m 1/2 from Koria  
At 8 m 1/2 from Koria 14 m 1/2 from Koria  
At 8 m 1/2 from Koria 14 m 1/2 from Koria



[illegible]







TABLE No. 108. (2)

## FROM DAPOOLAH TO POONA, BY THE BHOPA GHAT.

GENERAL DESCRIPTION, &amp;c.

Activities.		Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
Station.	Dist.	Miles of Stage.		Total.					
Station.	Dist.	Miles.	Package.	Miles.	Package.				
Collection in Allahabad.	Dapoolah to Poona.	—	—	88	84	—	—	—	File Table No. 107. (3)
	Warrand	10	8	88	41	Good road, through a hilly and mostly country, and red.	—	—	50 houses; crossing NW. At 7 f. cross the Suravvati river, 100 yards broad, strong bed. At 8 m. 3 f. Kurnool, on the Suravvati river, 40 houses, no supplies. At 8 m. 1 f. Awar, no supplies. At 8 m. 1 f. Kurnool, 40 houses, 1 shop, and the river. At 8 m. 1 f. Kurnool, 40 houses, 1 well, but no supplies. At 7 m. 5 f. Kurnool, 40 houses, 1 well, no supplies; across the Dabhi river at the end of the stage.
	Warrand	8	8	48	13	Rugged and stony road.	—	—	50 houses; crossing NW. At 8 m. 3 f. pass Suravvati, 10 houses, 2 wells, and a well; no supplies. At 1 m. 3 f. Warrand, 100 houses, 1 shop, 10 wells, and a well. At 8 m. 1 f. Kurnool, 40 houses, 1 well, but no supplies. Country hilly with thin jungle. At 8 m. 3 f. an ascent of 4 f. commences. Cross a table land of a mile, and descend of 2 f., only for miles; country no longer.
	Kurnool	18	8	88	61		—	—	50 houses. At 1 m. 1 f. the foot of Bhoga ghaut, and at 8 m. 5 f. the summit. The ghaut is not difficult for bullock carts; there is a trifling descent of 800 yards to the Dabhi; cross 2 rivers in this ascent, and pass through some thick jungle.
	Khand	18	8	71	13	Good rather better to Poona and wells.	—	—	78 houses; crossing N. At 1 m. 1 f. pass Kurnool, 40 houses, a shop, and 4 wells. At 2 m. 7 f. Kurnool, 40 houses, 4 wells; no supplies. At 8 m. 1 f. an ascent of 8 f., only for miles. At 4 m. 8 f. cross a river 40 yards broad, strong bed. At 8 m. Kurnool, 40 houses, 1 well, and 1 shop. At 7 m. 3 f. Suravvati, 40 houses, 1 well, but no supplies. Gullies among hills cross Kurnool. At 8 m. 1 f. the Kura Kura begins, being an ascent of 8 f. and descent of 1 f., only for bullock carts.
	and Gullies	14	12						File Table No. 108. (1)
	Total ..	—	—	88	8				

TABLE No. 109.

FROM DAPOOLD TO RUTNAGHERBY, BY CHIPLOON AND SUNGUMSHIVDE.

**GENERAL DESCRIPTION:**

Authorities		Name of Stage	Distance.		Road and Soil	Water	Supplies.	Remarks.
			Stages	Total.				
Military	Civil		Miles.	Furlongs.	Miles	Furlongs		
General Officer Commanding Bangalore District, Bangalore	Collector of Mysore	From Bangalore to	10	5	10	5	}	File Table No 104
		Channarayana	11	5	21	5		
		Channarayana	12	0	33	0		
		Channarayana	10	5	43	0		
		Channarayana	8	0	51	0		
		Channarayana	11	7	62	7		
		Channarayana	12	5	74	0		
		Channarayana	12	5	86	0		
		Channarayana	12	5	98	0		
		Total				62	15	
6 Stages								

NOTE.—The shortest road from Wamsila to Baitang-harry is 811 1/2 f. or shorter. See Table No. 100.  
The shortest route (entire track) from Chaphoon to Baitang-harry is 800 1/2 f. or shorter. See Table No. 100.

TABLE No 110 (1)

FROM DAPOOLEE TO SATTARA, BY MAHABLESHWUR.

GENERAL DIRECTION: F

[illegible]

Anchorage.		Status of Berths.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
Wharves.	Quays.		Stages.	Total.				
			Miles.	Feet/Inches.	Miles.	Feet/Inches.		
		Brought over ..	..	..	88	7 1/2		
		Kaigher ..	15	0	98	7 1/2		Made road, bridged. Tanna river. ... 1 ship. ... 80 houses and a Government, occupying ground 1/2. At 3 m. 1/2 f. ... 1/2 m. 1/2 f. road to the Government ... 1/2 m. 1/2 f. ...

TABLE No. 110. (2)

FROM DAPPOLE TO SATTARA, BY THE AMBOLNE GHAT.

GENERAL DUNSTON, R.

Authority.		Name of Vessel.	Destines.		Dead and Sail.	Water.	Supplies.	Remarks.
			Rings.	Total.				
Military.	Civil.		Miles.	Percentage.	Miles.	Percentage.		
General Officer Commanding the Forces of the Indian Empire.	Colonel of the Infantry.	From Calcutta to the port of Bombay.	10	91	10	91	Ship chartered, used for the purpose of the Indian Empire.	Ship chartered, used for the purpose of the Indian Empire.
		Chartered, used.	1	10	1	10		

Authorities		Names of Stages.	Distances		Road and Soil.	Water.	Supplies.	Remarks.				
			Stages	Total								
Military	Civil		Miles	Paras					Miles	Paras		
General Officer Commanding Baluchistan District Baluchistan	Collector at Baluchistan	Brought over			10	8 1/2	Good cleared road over marshy ground.	Jugboodee river and wells.	None	40 houses occupying ground 80 As 15 1/2 / across Pailan river 30 yards wide delay of several hours after heavy rain. At 5 a. 4 1/2 / across the Pailan river 70 yards wide bed sandy banks easy a temporary bridge erected in the river for the passengers. At 3 a. 7 1/2 / a well. At 8 a. 6 1/2 / Total some 26 houses. At 4 a. 8 1/2 / across a well 40 yards wide, bed sandy delay of some hours after heavy rain. At 8 a. 8 a. Khat a large place 100 houses 100 steps downstream, Khat's kitchen and Police station good occupying ground under trees near a tank. At 6 a. 1 1/2 / across the Chanda river 30 yards wide bed sandy and rocky not fordable during heavy rain. At 8 a. 1 1/2 / Khat's water, 6 hats. At 8 a. 7 / across Khat's water 30 yards wide, bed sandy banks high delay of some hours after heavy rain. At 10 a. 4 / Khat's 100 houses. At 10 a. 7 1/2 / across the Jugboodee river about 3 1/2 / a bed sandy and rocky, banks muddy and high, delay of a day after heavy rain.		
		Mahabangah	11	7 1/2	26	8 1/2						
General Officer Commanding Punjab District Punjab	Collector at Baluchistan	Wahran	7	1 1/2	23	8 1/2	Country very track to the foot of the Amboodee glacier and cattle track up the glacier.	None	None	30 houses and a Police station, occupying ground 8. At 1 a. 4 / across the Devpoot well, 20 yards wide bed sandy banks high At 1 a. 4 1/2 / Amboodee 180 houses 1 step At 1 a. 4 1/2 / commence ascent of the Amboodee glacier. At 1 1/2 / a well at top of glacier. At 6 a. 1 1/2 / end of descent.		
		Bucroole	18	7	41	8 1/2					10 sheep mostly lost on 8 days	110 houses occupying ground 80 As 3 a. 1 / across 30 houses At 8 a. 6 1/2 / Khat's, 25 houses. At 1 a. 5 / across Khat's river 80 yards wide bed sandy banks easy not fordable during heavy rain. At 6 a. 1 1/2 / Khat's 20 houses and across the Khat's river temporary wooden bridge erected every year by the villagers during the rain. At 7 a. 2 1/2 / Khat's 6 hats about 2 1/2 / left. At 8 a. 2 1/2 / across the Ghat well, bed sandy delay of some hours after heavy rain. At 8 a. 2 1/2 / across 10 hats. At 10 a. 2 / across the Khat's river 180 yards wide bed sandy and rocky. A strong bridge in the rain. Country hilly and rocky.
		Chandryne	18	7 1/2	59	8 1/2	Cattle track to Khat's river and rocky.	None	None	15 houses occupying ground 7 At 1 1/2 / across a well 30 yards wide. At 1 a. 1 1/2 / commence ascent of the Khat glacier. At 3 a. 7 1/2 / Khat's 18 houses. At 3 a. 8 1/2 / top of Ghat. At 5 a. 1 / end of glacier and road to Mahabangah off on left. At 7 a. 1 1/2 / Khat's 6 houses. At 8 1/2 / Khat's 16 houses and across the Devpoot well 40 yards wide delay of 3 or 4 days after heavy rain. Country hilly.		
		Bahara Post office B P T	11	1 1/2			Cattle track to Khat's river and rocky.	Abundant	Abundant	A large town 100 feet and surrounded by the village bungalow Post and Telegraph offices Head-quarters of the British Collection. At 1 a. 2 1/2 / Khat's, 4 hats. At 1 a. 5 / across Khat's well, 80 yards wide. At 8 a. 8 1/2 / Khat's 20 houses. At 4 a. 1 1/2 / Khat's 20 houses 1 step and downstream in the wide road from Mahabangah just here. At 4 a. 6 1/2 / across 30 houses. At 5 a. 3 1/2 / a well. At 5 a. 7 1/2 / Khat's 30 houses. At 5 a. 8 a. Khat's 100 houses. At 8 a. 8 1/2 / a well. At 9 a. 1 1/2 / road from Pailan junction left. At 8 a. 8 1/2 / a well. At 10 a. 1 1/2 / Khat's 200 houses 1 step		
		Total			80	12 1/2						
		6 Marches.										



TABLE No 110 (3)

FROM DAPOOLHE TO BATTARA, BY KOOMBARLĒN GHAUT AND PAHTUN

GENERAL DIRECTION N.

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies.	Remarks
			Stages	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding the Western Division, Mysore	Collector at Bellary	From Church at Dapoolhe to Bellary	13	21	70	41	Abundant	Table No. 104.
			13	21	70	41	Abundant	700 houses on each side of the ghat. At 8 a.m. 100 houses 3/4 to the left. At 8 a.m. 8 1/2 f. Bellary, 30 houses 3/4 left. At 8 a.m. 8 1/2 f. a spring 1 1/2 f. top of ghat. At 7 a.m. 8 1/2 f. Bhargavara. At 7 a.m. 8 1/2 f. an immense amount. At 11 a.m. 1/2 f. Warran. 7 a.m. 8 1/2 f. the top of the ghat. Country hilly and jagged.
		Bellary Post office N.P.T.	10	6	Chalk track for 12 a.m. 8 1/2 f. the road made		Ratio	Large trees, Bellary and environment with travellers' bungalow and Post and Telegraph office; head-quarters of the Collectorate. At 11 1/2 f. even the Kalyanga or Tarku river 180 yards wide had probably been low. At 8 a.m. 4 1/2 f. Mysore "50 houses, 4 a.m. 4 a.m. 8 1/2 f. across a mile, 180 yards wide had rocky banks easy. At 8 a.m. 1/2 f. across another mile. 30 yards wide, had rocky. At 11 a.m. 1/2 f. Bellary was 30 houses. At 11 a.m. 1/2 f. even the CoombarlĒn river 40 yards wide had rocky to Bhargava 50 houses. At 14 a.m. 8 1/2 f. made road from Kalyanga pass on right. At 11 a.m. 7 1/2 f. pass through the tunnel 70 yards long and the top of the ghat. From the Post office.
		End...			100	6		
		6 March.						

TABLE No 111 (1)

FROM DAPOOLHE TO SHOLAPOOB, BY THE WURBUNDA GHAUT, RHORE, PHULTUN, AND PUNDERPOOB

GENERAL DIRECTION N.

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies.	Remarks
			Stages	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding the Western Division, Mysore	Collector at Bellary	From Dapoolhe to Phulthun	10	41	10	41		Table No 107 (1)
		Kumbhar	8	0	14	41		
General Officer Commanding the Western Division, Mysore	Collector at Bellary	Kumbhar	18	41	30	41		Table No. 108.
		Phulthun	11	74	41	41		
		Kumbhar	9	14	48	41		
		Warran	8	41	57	41		
		Phulthun	18	74	75	74		Table No 108 (1)
General Officer Commanding the Western Division, Mysore	Collector at Bellary	Phulthun	11	0	81	74		
		End...						

Authorities.		Distances.				Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.	Stages.		Total.					
		Miles.	Parangs.	Miles.	Parangs.				
General Officer Commanding Poonm Division, Poonm.	Collector at Saltillo.	Brought over.....	..	..	84 71	Made road, some of the mules bridged.	Wells and Xaca, 30 shops.	100 houses, Chiricahua and travelers' huts. Low, encompassing ground N. At 2 1/2 f. cross a well 50 yards wide, bed rocky, delay of several hours after heavy rain. At 4 1/2 f. Ranching, a range tops on right. At 7 m. 3 1/2 f. cross a well 20 yards wide. At 1 m. 7 1/2 f. cross a well 12 yards wide. At 3 m. 1 1/2 f. Koropana, 1/2 house. At 7 m. 4 1/2 f. heavy warre, 30 houses. At 7 m. 1 1/2 f. heavy warre, 30 houses. At 7 m. 1 1/2 f. a Chiricahua. At 7 m. 7 1/2 f. road from Poonm joins on left. At 8 m. 2 1/2 f. made road to Eastern hills off to the right. Country open and cultivated.	
		Kiawel R.	8	11	84 43				
		Andres .....	12	11	100 61	Unbridged, narrow road, soil black.	Wells and wells.	3 shops.	100 houses, encompassing ground N. At 5 f. cross the Maud well, 170 yards wide, ford- able a day after heavy rain. At 3 m. 2 1/2 f. Chiricahua warre, 6 houses. At 8 m. 4 1/2 f. cross a well 110 yards wide, bed sandy. At 3 m. 8 1/2 f. Blanco, 280 houses, 3 shops. At 1 m. 1 1/2 f. a well. At 3 m. 1 1/2 f. house, 60 houses. At 5 m. 1 f. well. At 8 m. 1 1/2 f. a well. Country open and cultivated.
		Tucupaca .....	6	67	115 5	Ditto	Ditto	3 shops.	200 houses, encompass N. At 1 m. 7 1/2 f. a well. At 1 m. 3 1/2 f. Lander, 120 houses, 8 shops, and a Chiricahua. At 4 m. 8 1/2 f. cross the old made road from Poonm to Saltillo. Cross several miles in this stage.
		Pinilla R.P.	11	6	127 3	Ditto	Abundant	Abundant, weekly la- bor on Sun- days.	A small town surrounded by a wall with in- terior. Residence of a Native Chief (Mabul- lar), a large Chiricahua for 200 travelers and a good hospital for European travelers. At 3 m. 7 f. King, 160 houses. At 3 m. 1 1/2 f. a well. At 7 m. 3 1/2 f. Chiricahua, 60 houses, 3 shops. Cross 7 miles in this stage. Country open and cultivated.
		Borral .....	11	21	133 54	Ditto	Wells and wells.	1 shop.	200 houses, encompassing ground N. At 2 1/2 f. cross the Sangre river, 127 yards wide. At 5 f. road to Chiricahua houses off to the left. At 3 m. 8 1/2 f. a well. At 5 m. 0 f. another well. At 7 m. 1 1/2 f. Porro, 100 houses, and 1 shop. At 8 m. 5 f., 10 m. 1 1/2 f., and 10 m. 0 f. pass wells. Cross several miles in this stage. Country open.
		Vallapaca .....	13	2	136 71	Ditto	Wells and tanks.	30 shops, weekly la- bor on Wed- nesday.	200 houses, well-stocked dairy and Chiricahua. wells, encompass N. At 8 m. 1 1/2 f. Chiricahua. houses, 60 houses, 3 shops. At 8 m. 1 1/2 f. Macreche, 60 houses. Cross several miles in this stage.
		Mahorra P.	10	71	161 67	Ditto	Wells and wells.	4 shops.	100 houses with Chiricahua, and Maudelero and Poonm's Courts, encompassing ground N. At 7 m. 2 1/2 f. Poonm, 60 houses, 8 shops. Cross 8 miles in this stage. Country open and cultivated.
		Velpoor .....	11	11	172 0	Ditto	Ditto	Ditto	100 houses and a Chiricahua, encompassing ground near a tank. At 3 m. 8 f. and 4 m. pass a well. At 3 m. 1 1/2 f. houses, 200 houses, 3 shops.
		Collector at Blanco.	Blanco.	Blanco .....	13	1	185 1	Ditto	Wells and Kanak river.
Chiriqui .....	..			..	185 1				

Information.		System of Bridges	Distances.		Road and Rail	Post <sup>off</sup>	Supplies.	Remarks.	
Military	Civil		Stages	Total					
			Miles	Fathoms					
General Outline Connecting Yunnan Province Towns.									
		Yunnan River	8	32	184	1	Unimproved narrow road with bank.	Abandoned	Abandoned
		Yunnan River	8	1	261	4 1/2	Ditto	Yunnan River	2 shops
		Yunnan River	12	8 1/2	214	8 1/2	Ditto	Yunnan River	5 shops
		Yunnan River	8	1 1/2	228	8 1/2	Ditto	Yunnan River	8 shops
		Yunnan River	8	1 1/2			Ditto	Abandoned	Abandoned
		Total			264	7			
		22 Miles							

TABLE No. 111. (2)

FROM DAPOOLEE TO SHOLAPOOR, BY KOOMBARLHE GHAT, MULHAR PAIT, OOMRUZ,  
MAYUSEE, AND PUNDERPOOR.

GENERAL DIRECTIONS, &c.

Authorities.		Names of Rivers.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stages.	Total.						
			Miles.	Parasangs.					Miles.	Parasangs.
General Officer Commanding Forces Deccan, Poona.	Collector at Ballana.	From Dapoolie to Mulkarjahi.	—	—	81	4	—	—	See Table No. 101.	
		Omerat P.	8	1	90	3	Clear cut road over black soil.	Abundant	Abundant, 235 houses, 2 dharmashalas; encompassing ground N. and W. At 1 m. 1 1/2 f. the made road to Kumar branches off to the right. At 3 m. 3 1/2 f. commences ascent of ghāt. At 3 m. 3 1/2 f. end of ghāt. At 3 m. 8 1/2 f. Omerat, 18 houses. At 1 m. 2 1/2 f. Satalwase, 10 huts. At 3 m. 1 1/2 f. across Mandi river, 74 yards wide, bed rocky. At 6 m. 1 1/2 f. Omeratgaon, 120 houses, 13 shops, and dharmashalas, about a furlong to right. At 8 m. 1 1/2 f. across the made road from Ballana to Kumbhar.	
		Musoor	1	0	91	3	Do	Do.	3 shops, a tank by hand.	large village, 71 houses; encompassing ground N. At 2 f. cross the Krishna river, 120 yards wide, bed sandy, a ferry boat in the river. At 1 m. 3 f. Watalwase, 100 houses.
		Cheral	14	7 1/2	105	5	Do	Wells	1 shop	255 houses and 1 dharmashala; encompassing ground N. At 3 1/2 f. the cleared road to Kumar branches off to the right. At 3 m. 1 1/2 f. commences ascent of ghāt. At 6 m. 3 1/2 f. chowki at top of ghāt. At 7 m. 1 1/2 f. across a null 30 yards wide, bed sandy. At 10 m. 7 1/2 f. Dabhergaon, 120 houses. At 11 m. 7 1/2 f. across the cleared road from Ballana to Tadgaon.
		Mayurao P.	11	7 1/2	121	4	Do	Wells and nulls	25 shops and weekly ha- se.	171 houses, 1 dharmashala, and a bungalow erected by the Irrigation Dept.; encompassing ground E. At 1 m. 2 1/2 f. Malsamraon, 230 houses, 1 shop, 1 dharmashala. At 4 m. 1 1/2 f. across a null 30 yards wide, bed sandy. At 7 m. 7 1/2 f. across the Yerla river, 180 yards wide, bed sandy, banks clay. At 11 m. 1 1/2 f. cross the road from Tadgaon to Phadgaon.
		Jarah	15	8 1/2	136	0	Do	Do.	1 shop	185 houses and a dharmashala; encompassing ground N. At 2 f. across a null 125 yards wide. At 3 m. 4 f. across a null 45 yards wide, bed rocky. At 3 m. 5 1/2 f. across the Malmalgaon Wadia, 65 yards wide, bed sandy. At 7 m. 7 1/2 f. commences ascent of Tadgaon hill. At 8 m. 4 1/2 f. Tadgaon, 30 houses. At 13 m. across a null 10 yards wide, bed rocky, to Yashwantrao, 60 houses, 1 shop, and dharmashala.
		Daghsaboo	13	8	149	6	Do	Wells and Marmal river.	15 shops	180 houses and 2 dharmashalas; encompassing ground E. At 4 m. 1 1/2 f. Bhamburda, 100 houses, 1 shop, and dharmashala. At 6 m. 6 1/2 f. across the Karay null, 60 yards wide, bed sandy.
		Mahad	13	8 1/2	161	4 1/2	Do	Wells and nulls	1 shop	230 houses, and a dharmashala surrounded by a wall; encompassing ground N. At 3 f. cross the Marm river, 180 yards wide, bed sandy. At 7 1/2 f. across a null, 60 yards wide. At 2 m. 4 1/2 f. Omeratgaon, 80 houses, and a
		Carried over.	—	—	161	4 1/2				
		Collector at Malkajgiri.								

Authority		Name of Stage	Distance				Road and Soil	Water	Supply	REMARKS
			Stages		Total					
Military	Civil			Miles	Furlongs	Miles				
General Officer Commanding, Poona D. V. Force, Poona.		Brungle over			161	4 1/2	Dusted cart road over black soil		Abundant	<p>Harwarah. 14 1/2 m. 1/2 across Kunal mile 80 yards wide had water in Harwarah. At 6 m. 1/2 Kati had 80 m. on 3 steps as is Harwarah. At 18 m. 3 1/2 re-cross the Kunal mile to Ghir Mahad 14 1/2 m. 1 step, on 1 d. Harwarah. Country open.</p> <p>A large town on the right bank of the Kunal river with a narrow trail, Harwarah Medical depot very irregular bungalow and Post office. good mangoes, ground on the banks of the river. At 1 1/2 m. 1/2 a mile 11 yards wide had sandy. At 7 m. 1/2 100 m. 1 step. At 11 m. 3 1/2 c. on the 127 yards wide to Kari's 14 house a mile 127 yards wide had sandy Country open.</p>
		From Harwarah to B. P.	18	8 1/2	178	1 1/2				
		To Harwarah	88	3 1/2						
		Total			267	11				
		18 March								

File Table No. III (I)

TABLE No 112

FROM DAPOOLE TO VINGORLA, BY OHIPLOON, RAJAPPOOR, AND KUNKOWLEE

GENERAL DETECTION, B

GENERAL DIRECTION, II

SUNSHINE

General Officer Commanding Madras District Madras

Authority		Name of Stage	Distance				Road and Soil	Water	Supply	Remarks					
Military	Civil		Stages		Total										
			Miles	Furlongs	Miles	Furlongs									
General Officer Commanding Madras District Madras	Collector of Madhacherry	From Dapool to Phosmet.	10	8 1/2	10	6	Road good for 6 f; remainder rocky with much jungle and a patch to mound and descent.	Abundant cattle in the rd. large	Abundant freshness	<p>7 to Table No. 104</p> <p>7 1/2 to Table No. 100.</p> <p>7 to Table No. 100.</p> <p>Small village good mangoes grow all for a regiment. Dapool is on the road between to the Phosmet and the Andh place the far more distant 30 to the W. 14 1/2 m. 1/2 from Dapool. At 3 m. 7/8 Wangle mile and 1/2 m. At 6 m. 3/4 Wangle mile and water. At 8 m. 8/9 Wangle water from river. There are all small hamlets, with one supply. At 11 m. 3/4 over the Koolan river country hilly and jungle.</p>					
		Ochipoon	11	8 1/2	21	6									
		Harwarah	12	8	33	8 1/2									
		Aravali	18	8 1/2	51	14									
		Harwarah	8	0 1/2	59	8									
		Downwash	11	7	70	7 1/2									
		Dapool	10	8	80	8 1/2									
		Dapool	10	1	90	9 1/2									
Grand total					90	7 1/2									

General Orders Commanding Belgians District, Belgium.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stages.	Total.					
			Miles.	Perchages.					
			Miles.	Perchages.					
		Brought over.	—	—	80 71				
		Large P.	9 1	—	84 05	First 4 1/2 miles hilly and confined, very rocky, and bad road. Delicate, but four miles good road.	Abundant, 30 A.	Large village, 413 houses, P. line station, Post office; good and extensive surrounding ground; scenery level, with much cultivation. At 2 m. across Katsangha river, 70 yards broad, bad story. At 2 m. 8 1/2 Katsangha, 8 wells; no supplies. At 2 m. 2 1/2 large, a small village, 3 wells; supplies, scenery. At 6 m. 7 1/2 across Dondosa river, 50 yards broad, bad story, good ford, abundance of water.	
		Dharmavali on the right bank of the Katsangha river.	7 11	—	140 41	Made road with stones over all the small sections.	None	Dharmavali, with good surrounding ground, 2 m. 1/2. At 4 1/2 the direct road from Katsangha river on right. At 6 1/2 Ghorasakha river, 80 houses. At 1 m. 2 1/2 a well. At 3 m. 2 1/2 Wares, 30 houses. At 2 m. 6 1/2 a dharmavali. At 4 m. 7 1/2 top of Katsangha plateau. At 6 m. 4 1/2 back, good water. At 8 m. 1 1/2 best (small) water at the foot of the plateau. At 7 m. 2 1/2 Winked wares, 10 houses.	
		Enjapour border P.	18 6	—	112 31	Do. do.	Water and wells.	Abundant	1 large village, about 1,500 houses on the Katsangha river, 3 dharmavali; surrounding ground is a top of trees. A good border and landing place; boats of about 40 canoes come up to the border at high water. At 1 1/2 across the Katsangha river, 100 yards wide, and suitable for carts, a ferry boat to the river. At 2 1/2 Talikhatia wares, 4 huts. At 1 m. 1 1/2 across a well. At 2 m. 3 1/2 top of ascent. At 3 m. a well. At 1 m. 1/2 Wares, 30 houses. At 2 m. Wares, 30 houses on left. At 3 m. 2 1/2 Katsangha river, 10 houses. At 7 m. 6 1/2 Katsangha river, 10 houses. At 11 m. 1 1/2 a temple and across a well (inland). At 9 m. 8 1/2 Katsangha river. At 11 m. 2 1/2 Ghorasakha river. At 12 m. 7 1/2 top of Talikhatia plateau. At 13 m. 7 1/2 Ghorasakha and road to the Ager Katsangha plateau of the left.
		Katsangha P.	11 7	—	123 11	Made road without bridges or drains.	Do.	30 slopes	100 houses, 1 dharmavali; surrounding ground good and open to the right of the road and 2 of the ridges. Boats of about 30 canoes can come alongside of the border at low water; the landing place is good. At 1 1/2 across the Katsangha or Katsangha river, 160 yards wide, banks low, bad sandy, a small ferry boat to the river. At 2 1/2 Katsangha, 30 houses, 3 wells, no supplies, and commence ascent of Katsangha plateau. At 3 m. 8 1/2 top of plateau. At 4 m. 8 1/2 Haldar, 30 houses. At 5 m. 8 1/2 Katsangha, 30 houses. At 6 m. 8 1/2 Katsangha, 30 houses. At 11 m. 1 1/2 Katsangha plateau. At 12 m. 1 1/2 across the Katsangha river, 120 yards wide, banks low, bad sandy, suitable at low water; a small ferry boat to the river.
		Katsangha	10 21	—	133 11	Do.	Wells and wells.	None	10 houses. At 2 m. 8 1/2 Katsangha, 30 houses. At 3 m. 1 1/2 Adenicheon Khat, ascent of 5 1/2 easy for carts. At 4 m. 7 1/2 Wares, 30 houses, 2 slopes. At 4 m. 8 1/2 across a well, 20 yards wide. At 5 m. 7 1/2 Haldar, 30 houses, 10 wells. At 6 m. 8 1/2 Tarnah, 30 houses, 3 slopes. At 8 m. 2 1/2 across a well, 80 yards wide, easy for carts. At 9 m. 2 1/2 road from Wares to the left.
		Katsangha lower section P.	13 2	—	161 03	Tolerable road, but winding through partly confined and partly open country.	Abundant, from river.	Abundant	1 large village, good surrounding ground in dry weather; cross the river at 2 m. 1/2, 80 yards broad, steep bank, and story bad; a boat in the river. At 3 m. 8 1/2 Katsangha, moderate village, with wells and wells; no supplies. At 11 m. 4 1/2 across the river, 80 yards broad, steep bank, and story bad; a boat in the river.
		Carried over.	—	—	161 03				

Collector at Katsangha rty.



TABLE No. 113.  
FROM DHESA TO ABOO.  
GENERAL DIRECTION, N.E.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Vegetation.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Fathoms.				
Political Superintendant at Fathalganj.		From travellers' bungalow at Dhusa to Dhusa.	7	04	Country cart road, soil sandy.	Wells	None	40 houses on a hill about 5 fathoms to the left, good occupying ground east of the village. At 8 m. 5 f. pass Dhusa; 40 houses, no supplies, and across the Dhusa river, nearly 5 nearly a mile broad, but with a small stream. At 8 m. 8 f. a shallow stream occupied by 3 rollers from Ghada. At 8 m. 4 1/2 f. a short ascent, easy for carts. At 8 m. 1 1/2 f. about 200 houses, 30 shops. At 8 m. 3 1/2 f. a short descent. Country sandy and jungle.
		Kachhwan R.	7	24	Country cart road, soil sandy and heavy as far as Ghada.	1 well	3 shops	200 houses and travellers' bungalow; occupying ground good on the right of the road and near the bungalow. At 1 m. 2 1/2 f. a short ascent. At 1 m. 2 1/2 f. Ghada, 20 houses, 1 well. At 1 m. 2 1/2 f. a shallow stream. At 8 m. 5 f. Lakshwar, 20 houses, 1 well. Country sandy and jungle as far as Ghada, then open and cultivated.
		Makher R.	10	44	Country cart road, soil sandy and very heavy.	1 well	20 shops	200 houses, and travellers' bungalow; occupying ground on the west bank of the Wacsee river about 1 1/2 m. north of the village. At 1 m. 3 f. a shallow stream. At 8 m. 3 1/2 f. Pachwan, 200 houses, 8 shops, and 4 wells. At 8 m. 6 1/2 f. Arina, 300 houses, 8 shops, 3 wells. At 8 m. 8 1/2 f. Goudan, 180 houses, 5 shops, 3 wells.
		Bandar R.	10	04		4 wells	10 shops	200 houses, and travellers' bungalow; good occupying ground near the bungalow. At 1 m. 5 1/2 f. across the Wacsee river, 60 yards wide, bed sandy, banks low, easy for carts. At 8 m. 2 1/2 f. a shallow stream occupied by 2 rollers from Makher. At 4 m. 2 1/2 f. Magrawalla, 20 houses. At 8 m. 1 1/2 f. Bhurana, 50 houses, 3 shops, 3 wells. At 7 m. 2 f. a shallow stream. At 7 m. 2 1/2 f. across the Hilla river, 100 yards wide, bed sandy, banks low. At 7 m. 4 f. Karanla, 8 huts. At 8 m. 1 1/2 f. a shallow stream.
Agent to the Governor-General for Rajpootana, at Ajmer, and the Political Agent at Bikaner.		Ambika	8	04		Abundant	Abundant	A large village, the old travellers' bungalow has been converted into a Civil Hospital; good occupying ground on the left of the road, travellers' bungalow at Fathalganj 1 m. 4 f. further on. The road to Surabha via Barwara branches off to the left and reaches Rebar. At 1 m. 7 f. a shallow stream. At 2 m. 7 1/2 f. Barwa, 5 huts. At 2 m. 4 1/2 f. across the Deep river, 250 yards wide, banks low, bed sandy, to Lohwal, 120 houses, 8 shops. At 8 m. 6 1/2 f. Dhusan, 20 houses, 10 shops. At 8 m. across a well, 100 yards wide, bed sandy, banks high. At 8 m. 8 1/2 f. a shallow stream, and at 7 m. 4 f. another shallow stream. The road to Surabha branches off to the left at Arina.
		Mansa Abao, travellers' bungalow. R.P.V.	8	07	Country cart road as far as Fathalganj, the rest very steep and difficult for laden carts.	Ditto	Ditto	A small village for Barwara Thana. At 1 m. 4 f. Fathalganj, a new village with travellers' bungalow and a guard of 4 company of the Rajpootana P.M. Infantry. At 8 m. 1 1/2 f. a shallow stream and well at the foot of the hill. At 2 m. 8 f. a shallow stream. At 8 m. 1 1/2 f. a shallow stream and Pooni hut. At 8 m. 3 1/2 f. "Anand-prasad" spring of good water. At 8 m. 1 1/2 f. Alao Gada, top of hill. The road up the hill is very steep and winding and in many places steep cliffs. Groups of light huts are put up, but as a rule the traffic is carried by mules, ponies, bullocks, and oxen. Country covered with jungle.
		Total		51	5			
		6 Mails.						





General Officer Commanding Northern Division, Akrochikhal.

Authority.		Names of Stages.	Distances.				Road and Soil.	Water.	Supplies.	Remarks.					
Military.	Civil.		Stages.		Total.										
			Miles.	Peri-length.	Miles.	Peri-length.									
		Brought over.....	..	..	94	2 1/2									
	Collector at Akrochikhal.	Mungpur .....	7	3 1/2	101	8	Good and level, but swampy in wet weather.	Well of rainwater, a tank of good water with pipe in the tank in the hot weather.	shops, sundry.	100 houses on the R.R. extremity of the Kall Bowlee at Hille Bama, encompassing ground NW. At 3 m. 1 1/2 f. pass Kumbhga, 70 houses, 6 shops, tank and well. At 6 m. 6 f. Kumbhga, 50 houses, tank and well. At 8 m. 6 f. Kumbhga, 50 houses, tank and well.					
	Political Agent at Rajpura.	Muker .....	8	5 1/2	109	3 1/2									
		Bamane .....	18	9 1/2	127	4									
		Lharve .....	9	4 1/2	136	9 1/2				File Table No. 2. (3)					
	Collector at Akrochikhal.	Wager .....	18	9 1/2	154	4									
		Rajpura .....	12	7 1/2	166	9 1/2									
		Mari Darya .....	12	7 1/2	178	7 1/2									
	Political Agent at Rajpura.	Walla .....	8	5 1/2	186	6									
		Gangha .....	9	1	195	7				File Table No. 2. (1)					
		Wardha .....	8	1 1/2	203	9 1/2									
	Collector at Akrochikhal.	Gage .....	18	7 1/2	221	9 1/2									
		Total.....	..	..	214	9 1/2									
		18 Marches.													
The direct route from Wardha to Lharve is as follows:—															
	Political Agent at Rajpura.	To Wardha as above.	..	..	94	2 1/2									
		Devies (Kall Bowlee) .....	18	9 1/2	112	0	Good and level, but swampy in wet weather.	Good and plentiful from wells and tanks.	10 shops	180 houses, encompassing ground in a plain to the N. of the village. At 3 m. 1 1/2 f. pass Kumbhga, 70 houses, 6 shops, tank and well. At 6 m. 6 f. Kumbhga, 50 houses, tank and well. At 7 m. 3 1/2 f. Bhagpur, 100 houses, and 3 shops, tank and well; country open and cultivated, encompassing ground near the tank W. of the village. At 10 m. 1 1/2 f. across a shallow river. At 10 m. 3 f. Kumbhga (Mum), 100 houses, 4 shops, tank and well. At 14 m. 1 1/2 f. across Harola river, shallow and dry, encompassing in the road.					
		Jambho .....	8	7 1/2	120	7 1/2	DRto	River and wells, one good.	DRto	400 houses, sundry near the wells. Pass Bhatia at 6 m. 7 1/2 f., 80 houses, 3 shops, but supplies very scarce; wells in a tank.					
		Lharve (Wardha Gata). P. ....	9	5 1/2	129	6	Good good, through a level and open and cultivated country.	Tank and wells and from pits in the bed of the river.	Abundant	A walled town on the N. bank of the Bhagpur river, encompassing ground near a tank N. of town, also N. After leaving Jambho across the river, 100 yards wide, had shallow and sandy. At 8 m. 3 f. pass Bhatia. Tumbha, 40 houses, 1 shop, wells in the bed of a tank. There is a better supply of water here than at Jambho. At 5 m. 1 f. pass Tumbha, 80 houses, and 3 shops, wells in tank.					
		To Gage as above.	12	7	..	..									
		Total.....	..	..	211	5									
		18 Marches.													

TABLE No 115

## FROM DHESA TO GUDDRA.

GENERAL DESCRIPTION, N.W.

Authority.		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks			
Military	Civil		Stages	Total							
			Miles	Perchages	Miles	Perchages					
General Officer Commanding North-West Frontier, Islamabad.	Political Superintendant at Peshawar	From Dera to Jarda	9	1	9	1		Well study road heavy and occasionally undulating and one foot by jungle, with numerous stamps of trees.	Plentiful from 25 ft. above the well water slightly brackish.	20 steps for age about that	100 horses good ascending ground over the Dera river and pass. At 1 m. 8/7 on the left bank the land on this side is very steep, but study and study, one foot water suitable, ascending after heavy rain.
		Umarbays	11	4	20	5		Difficult	Abundant and good from a tank and one well.	Abundant; also crops, also crops.	Large walled village good but low ascending ground 2 country study, with patches of cultivation. At 2 m. 1/2 pass Yarka, mile but no supplies. At 3 m. Dumbay, 1 m. 3, 500 feet deep, water brackish. Country study, with cultivation here and there from Dera.
		Kanaga	18	8	38	13		Difficult	One well, water a little brackish.	steep, for age about that	Good and high ascending ground 6 and 8 ft. much cultivation, some wheat; country study. At 3 m. 8/7 pass Hala tank and 8 wells, 10 deep, country overgrown with long grass and jungle. At 5 m. 1/2 Woodstock, a small Khod vil. large, with one well, but no supply of country as before. At 6 m. 8/7 Looan 3 wells, 8 deep.
General Officer Commanding North-West Frontier, Islamabad.	Agent to the Governor General for Peshawar at Peshawar and the Political Agent at Peshawar	Pass	11	4	49	7		Well study road heavy and occasionally undulating and one foot by jungle.	Well and tank water in the latter during the rain.	None	At 1 m. 8/7 pass Yarka, 2 wells, 1 of good water, no supplies; country study, undulating, and study.
		Shah	16	6	65	13		Difficult	Backside river water a little brackish and good from wells.	25 steps and 25 steps plus 10 ft.	200 horses, close to the river Backside, which is about 70 feet wide. Country more open and well tilled, ascending ground NW. One hot good. At 4 m. 8/7 pass Aera, a small village with 3 wells and a tank, water in tank during the rain only. At 7 m. 5/7 pass Chokan, with 1 well, cultivation about the village only. At 12 m. 8/7 No. 10 a 12 well house of 10 in size with 1 well. Country study, and no supplies at these villages.
		Chokan	13	4	78	17		Well very study and heavy	Looan river, water is abundant, well water brackish.	Abundant; 100 steps.	20 horses on the Looan river, ascending ground but the Looan is 200 feet wide and a rushing stream, banks low, but bank not. In some parts at 200 yards from the Backside river. At 1 m. 8/7 pass Kanda 10 steps, 100 horses, water from pit in the river. At 8 m. 4/7 Tusta, 40 pass Kiti with one well, but no supplies. At 9 m. 1/2 Kusta 10 wells, 1 well under cultivation also from Looan river. At 12 m. 1/2 Looan 100 horses, and 2 steps on a bridge of the Looan; banks low but study. Country open and well tilled, undulating and study.
		Looan or Looan	13	4	91	21		Well very study and heavy	good water; water at 80 feet.	None	20 horses a little brackish; good ascending ground. At 8 m. 4/7 Woodstock, a small house with a small pond well of good water at 80 feet.
Crossed over					97						

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks			
			Stages	Total							
Military	Civil		Miles	Parangs	Miles	Parangs					
General Officer Commanding 31st Division, Mysore.		Brought over	—	—	57	7					
General Officer Commanding 31st Division, Mysore. Applied to the Garrison-Deputy for Reconnaissance at Mysore, and the Political Agent at Bangalore.		Mangra	13	1	160	3	Heavy sandy road, over a hill among mountains.	Two ponds well stocked with a trough 3 ft. SW. of the village, 180 feet deep; water good.	Scarcely 3 sheep, but abundant good.	About 30 huts under a low rocky hill; crossing W. of hillside near the wall is a sandy plain. At 3 m. Kumbha, 3 or 4 huts to the left of the road. At 4 m. 4 ft. Lao Kan, a few huts; grass and small shrubs abundant.	
		Chakra	12	2	172	5	Very steep, with some small hills, but generally hard and level; over two small hills only; much jungle and grass.	Abundant, from 2 wells of good water, 180 feet deep, 3 of them a mile N. of village, the largest well, with a trough, is to the E. There are also springs in the hill.	Sheep, but few.	Below a small village, at the mouth of a ravine on the E. face of a rugged isolated granite hill of an irregular quadrilateral shape, rising some 1,500 feet above the plain, and nearly inaccessible. It has five springs of water, two on the western and three on the eastern side, all high above the plain. The best is in the ravine, above the village, and has a small stream of pure water. These springs are sacred, and visited by pilgrims; there are many small temples about them. At 11 m. Keshik, (deserted) 4 ft. hill, said to be a good well.	
		Chakra	12	2	184	5	To Karia Lora through a small sandy valley, crossing a ridge near Chakra, the road pretty hard.	A well 180 feet deep, 5 ft. E. from village; water very brackish.	None, but few.	Two small woods or hamlets; good occupying ground. At 5 m. 2 ft. Karia-lora, a deep ponds well nearly dry in February 1914. A good deal of open jungle in this stage.	
General Officer Commanding 31st Division, Mysore. General Officer Commanding 31st Division, Mysore. Political Agent at Bangalore.		Ram King in Gubbi	17	1	—	—	To Gubbi heavy road and ascending with some and there a high sand hill rising N. and E. the road good and hard over high ground.	Water in abundant, but not particularly good.	All sorts of provisions, reasonable prices and wool in abundance.	A large plain for this part of the country; occupying ground excellent and good. Half way from Chakra to Mysore, some small hills of good water. Between Chakra and Gubbi are several small hills of good water 80 feet deep, the water from which is carried to Gubbi.	
Total			—	—	152	11					
11 Marches											

TABLE No. 116. (1)

# FROM DEESA TO HYDERABAD, BY SOOREGAUM, NUGGUR PARKUR, RAOMA-KA-BAZAR, AND BUDDHENA.

GENERAL DESCRIPTION, ESW.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles.	Parangs.	Miles.	Parangs.				
General Officer Commanding Northern Division, Allahabad.	Political Superintendent at Rubbanspur.	Transfer of baggage at Camp Deesa to Mandya.	11	0	11	0	Good, tolerably good, but very heavy and sandy.	Large ponds well stocked with water, 100 feet deep, with enough to tank with plenty of good water on the 11th March here. In Decem- ber 1881, the well water found to be bad, and the tank water sweet though dirty.	Moderate; 8 sheep can be procured in abundance.	Good occupying ground ESE of the village which has 200 houses. Immediately on leaving camp cross a large well with high banks, and a small pond. Beyond a small rural village, with water and supplies, and across the Karmavathi, 600 yards broad, high banks and sandy bed; water cross in the morning without any difficulty, occupying immediately after heavy rain. At 3 m. 2 ft. Bopet, 20 houses, on the western side of the river; had occupying ground covered with jungle. At 7 m. 2 ft. Karmavathi, small village with walls, but no supplies; country covered with thick low jungle. At 8 m. 4 ft. Bopet, 15 houses, and afterwards Bopet, 10 houses.
		Carried over			14	0				

Authorities		Name of Stage.	Distance.				Road and Soil	Water.	Supplies.	REMARKS.	
Military	Civil		Stage.		Total.						
			Miles.	Perchages.	Miles.	Perchages.					
General Officer Commanding Southern Division, Allahabad.		Brought over.		15	0						
Political Superintendant of Peshawar.		Dadar .....	15	0	25	0	Road tolerable, but S. of it is through thicket, people very narrow and wandering.	Sticks, which must dry up, and 2 wells, with good water in abundance, 3 troughs in wells.	Stops, and some supplies, and fudge.	25 houses, occupying ground N.W. of village, 11 S. of S. of Kalia, 30 houses. At 4 m. S. of Kalia, 15 houses and 3 wells. At 6 m. S. of Kalia, 15 houses. At 8 m. S. of Kalia, 15 houses, and 3 stops. At 10 m. S. of Kalia, 15 houses. Country covered with the jungle.	
		Belair .....	15	8	41	8	Road good and hard and sandy.	Refined Harba, 1 deep, water very good and abundant.	25 stops, abundant, and fudge in moderation.	There are two villages of the same class together, occupying ground very good as the S. side, 200 houses. At 3 m. S. of J. near Lohar. At 7 m. N. of Lohar, small village. Country as before.	
		Meerapoor .....	15	4	57	7	Generally good and hard, crossing between Dadar and Meerapoor.	Wells and wells, the water in the latter rather brackish, may be procured from Meerapoor.	Moderate.	A large village, 200 houses, and branch Post office, formerly a military outpost (see Dacca), occupying ground N.E. and E. on good hard ground. At 3 m. past Lohar, a considerable village, large abundant, the good water procurable from several wells and a large tank. At 7 m. N. of Lohar, 15 m. N. of Lohar, 15 m. S. of Meerapoor, 200 houses, 3 wells and 2 tanks. When there was an outpost at Meerapoor the troops had sometimes to march to Meerapoor for water in the hot weather.	
		To Hyderabad .....	56	8	—	—	—	—	—	—	File Table No. 12. (1)
		Total .....	—	—	115	5	—	—	—	—	—
H. M. M. M.											

TABLE No. 116. (2)

## FROM DIBRA TO HYDRABAD, BY SOOREGAUM, VHERAWOW, AND ISLANKOT.

GENERAL DIRECTION, NEW.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stage.						Total.
			Miles.	Perchages.					
Genl. Officer Commanding Southern Division, Allahabad.	P.O. Superintending Works, Allahabad.	Dabra to Meerapoor.	14	0	14	0		} File Table No. 118. (1)	
		Dabra .....	15	0	29	0			
		Dabra .....	15	3	44	3			
		Meerapoor .....	15	4	59	7			
		Katra Rata .....	15	1	74	8			
		Meerapoor Tank .....	17	7	91	7			
Grand Total .....				96	7		} File Table No. 119. (1)		

File Table No. 118. (1)

File Table No. 12. (1)

Authority.		Names of Stages.	Distance.		Road and Rail.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Madag. Div. (Lifer), Karambala.		Political Superintendent Thier and Thier at Chambarika.	Brought over.....	85	7			
			Leads or Ramak- war (with new Chambarika).	100	7			
			Yammaro.....	107	3			
			Somera Mohamed Kham.....	119	0			
			Burao.....	121	4			
			Chambarika.....	130	5			
			Makara.....	132	2			
			Milao (note).....	171	11			
			Makara La Thail.....	184	11			
			Wangui Bamar.....	201	0			
			Makara La Thail.....	215	0			
			Chambarika.....	230	1			
			Makara Somera La Goto.....	236	6			
Collector at Hyderabad.		Makara Kham La Tanda.....	241	0				
		Makara Goto.....	274	7				
		Hyderabad Fort.....	281	11				
		Total.....	296	6				
		22 Marches.						

} Vide Table No. 10. (2)

} Vide Table No. 10. (1)

NOTE.—The above route from the 4 to Yammaro, across the River, is generally open for foot-passengers in October, and for wheeled carriages by the 1st November. Should much rain have fallen, the following detour round the head of the River may be attempted in lieu of crossing it; but if the River or country near the mouth of the Le-mara about Kilao are should be flooded, which happens when any extraordinary quantity of water is brought down the river, it is necessary to cross still higher up, at at Tamara (see Table No. 116. (2)), or even at Gura (see Table No. 115.)—

General Officer Commanding Northern Division, Alamburika.		Political Superintendent at Pabnapur.	Laos to Jalao.....	13	7	Good cart-road, some parts heavy from sand, and the wider marshy country by jungle.	One large lake, well with large clear water; slightly brackish, 100 feet from surface.	Scarcely any slope.	At 7 f. cross the Burmese river, 8 f. wide. At 8 m. 8 f. Burmese river, 10 horses, on left. At 10 m. 8 f. Wamara, 20 horses. Past Jalao, 50 horses, on right, and encamp beyond it near the wall.
			Lalao.....	30	0	Diffic.	Diffic. watercourse, 100 feet from surface.	None.	At 6 m. 1 f. Agtala, 20 horses, 1 well in A; encamp near the wall at Lalao, a village of 15 or 20 huts, in an undulating sandy country, overgrown with jungle.
			Thammar.....	15	6	Diffic.	Abundant, from large wells with clear water, all brackish but one in side the town to the S.	Abundant.	700 horses, encamp at 1 m. 3 f. Javatra, 40 horses, left. At 7 m. 3 f. Kanchi, 30 horses. At 12 m. 3 f. Mallepore, 30 horses.
			Chambarika.....	11	11	Through level country, partly cultivated, and some open jungle, a good cart-road, in parts rather heavy.	Abundant from 8 or 9 stone wells N. of village, but all of these slightly brackish.	Moderate, or 9 slopes.	Encampment ground N.E. near the wall. At 2 m. 2 f. Chambarika, 30 horses. At 8 m. 8 f. Kanchi, 40 horses. At 9 m. 8 f. Lalao, 15 horses.
			Carried over.....	30	5				

Authorities		Mount of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Perchages.				
General Officer Commanding Madras District.	Political Agent at Pondicherry.	Brought over	—	—	—	—	—	—
		Madurai	15	0	Good hard cart-road in a level and open country; the first half of the road rather rough.	Abundant from a tank.	—	Small place. At 6 m. S. J. Madurai, 80 houses. At 9 m. 7 J. Madurai, 20 houses. The Madurai country generally bounded by the Lagoon; a few grassy plain between Madurai and Madurai.
General Officer Commanding Madras District.	Political Agent at Pondicherry.	Madurai	8	0	Good hard cart-road over a hard plain for the dry weather, but difficult in the monsoon.	Good, from pits close to village, and a large pond 1 1/2 m. S.W.	—	Small place. In the monsoon, troops should encamp 3 m. or 1 m. W. of the village, as the ground near it is marshy at that time. There is 5 m. 4 J. Dargam, 20 houses. At 8 m. 4 1/2 J. Dargam, 20 yards wide, low sandy bank and road. At 1 m. 4 J. Dargam, 120 houses. At 6 m. 8 J. Dargam, small houses of the Lagoon, and at 9 m. 4 J. a small house, water in ponds, and some salt.
		Madurai	19	0	—	—	—	Vide Table No. 52. (3)
General Officer Commanding Madras District.	Political Agent at Pondicherry.	Madurai	10	0	—	—	—	
		Madurai	11	0	—	—	—	
Total		—	—	15	0	—	—	—
3 Madurai		—	—	—	—	—	—	—

TABLE No. 116. (3)

FROM DHESA TO RYDMARABAD, BY SACHORE, TAMPER, CONHARKOTE, AND ALLIYAR-KA-TANDA.

GENERAL DIRECTIONS, ETC.

Authorities		Mount of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Perchages					Miles
General Officer Commanding Madras District Alcockford, Political Agent at Pondicherry	Deen Camp to Madurai	-	-	04	0				Vide Table No. 114.
		Madurai	18	4	44	7	Level and sandy, but good road.	Abundant, one well, tank, etc.	Madurai is the principal town of the District, but is a small place and half deserted, with less than 200 houses. Country sandy and muddy, and generally unproductive, with cultivation near villages.
		Madurai to Madurai	15	0	59	7	None	Abundant, wells	Small village, near a branch of the Lagoon river, on a sandy cultivated country, first part of the road sandy, but gradually becoming open, with numerous villages, and small cultivation.
		Correct total	-	-	59	7			

TABLE No. 104.

## FROM DAPOOLEE TO BEEJAPPOOR, BY KOOMBARLEE GHAUT, KURRAB, AND JUTT.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding Belgaum District, Belgaum.	Collector at Belgaumerry.	From the Church at Dapoolee to Phorooca.	10	5½	10	5½	Good cleared road over undulating country, some nullas bridged, soil red and rocky.	Wells and Pataloo river.	1 shop	185 houses; encompassing ground E. At 3½ f. pass Jogloh, 25 houses. At 2 m. 3½ f. Mahawara. At 3 m. 4½ f. cross a nulla 20 yards wide. At 5 m. 7½ f. recross the nulla, and at 4 m. 2½ f. cross again. At 6 m. 3½ f. Koombarlee, 60 houses. At 7 m. 6½ f. well and dhurumala. At 8 m. 2½ f. Waree, 8 huts. At 8 m. 6½ f. commences a short descent. At 9 m. 1½ f. end of descent. At 9 m. 4½ f. a well.
		Nigdeh	11	5½	22	3½	Do.	Wells	None	20 houses. At 2½ f. cross the Pataloo river, 80 yards wide, bed sandy, delay of some hours after heavy rain. At 2 m. 4½ f. cross the Jalwani-cg, 70 yards wide, bed sandy, banks easy, a temporary bridge erected in the rains for 6 or 7 passengers. At 2 m. 7½ f. a well. At 3 m. 4½ f. Totalwaree, 25 houses. At 4 m. 3½ f. cross a nulla 40 yards wide, bed sandy, banks easy, delay of some hours after heavy rain. At 6 m. 1½ f. a large phoe, 200 houses, 100 shops, dhurumalas, Mamuldar's kut-herry and Police station; good encompassing ground under trees near the tank. At 6 m. 2½ f. cross the Jagbodee river, 220 yards wide, bed sandy, not fordable during high spring tides; and in the rains, a small ferry boat for 20 men here. At 6 m. 6½ f. Ebooteh waroo, 40 houses. At 8 m. 7½ f. Jamboordah, 40 houses. Easy ascent from Ebooteh waroo.
		Chiploon (Bazar) T.	12	0	36	1½	Do.	Wells and river	300 shops; abundant.	1,000 houses, dhurumala, Police station, Mamuldar's kut-herry, Moosal's court, Post office; encompassing ground near Bam tank. At 1 m. 4½ f. Dabhoel, 30 houses and a dhurumala. At 3 m. 6½ f. a well. At 10 m. 6½ f. Pede, 60 houses, 10 shops, dhurumala and tank. At 11 m. 6½ f. cross the Photee river, 200 yards wide, bed stony; a ferry boat here during the rains and high spring tides. At 13 m. 1½ f. Mappo, 100 houses. At 13 m. 1½ f. cross the Beemee river, bed stony; a ferry boat here during the rains and high tides.
		Seorgann	10	2½	45	3½	Made road, nullas bridged.	Do.	3 shops	175 houses and dhurumala; encompassing ground N. on the bank of the river. At 3½ f. cross the Sew river (bridged). At 4½ f. road to Bungumashwar branches off to the right. At 2 m. Bhador Bimle, 10 houses. At 4 m. 1½ f. cross the Kootalwary river (bridged). At 4 m. 6½ f. Pimploe (small), 50 houses. At 6 m. 2½ f. Pimploe (large) 150 houses, 1 shop; the Chiploon river runs along the left.
		Carried over			45	3½				





Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Packings	Miles Packings				
General Officer Commanding British District, Kumbakonam.		Reached over		118 1				
		Gurur	18 0	136 1	Road heavy through mud, but quite passable for light gear though a narrow strip of deep mud is to be seen without a guide; the ground very moist, being waterlogged by rain.	well of mud in each valley, 100 feet deep, and about 8 feet wide; mud is not enough for a country of India.	Some horse and some pack animals.	A few huts. At 8:30 p.m. found no village but a very lowland with 100 feet deep. The country is a succession of mud hills, covered with low brushwood.
		Tirumala	8 1	144 2	As before but not quite so heavy.	well water holes and some plants 60 ft deep.	Some horse and some pack animals.	A few huts, good place for encamping, N. a small tank 3 ft, 2 ft.
		Rayana	10 6	154 8	As before, but several patches of deep mud.	well 200 feet deep and a small tank with water on the 15th day (about 18 ft).	Water from a small tank, nearly dry in the end of September.	A few huts, country as before but jungle and some grass were abundant; some cultivation of rice in the valleys.
		Chayya	18 1	172 9	As before, two very heavy mud hills crossed.	Water from a small tank, nearly dry in the end of September.	Some horse and some pack animals.	A few huts, country as before. The steepness of the place must be noted when the tank dries up.
		Chayya P.	7 8	179 7	Difficult to be crossed, higher and more the same than before.	Good and plentiful.	Some horse and some pack animals.	About 100 huts and a circumambulatory road on good high ground.
		In Hyderabad, above.	128 8	307 5				
		Total		304 1				
		25 Mares						

TABLE No 117

## FROM DHMSA TO JHYSULAMER, BY BALAMER.

GENERAL INFORMATION NEW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Packings	Miles Packings				
General Officer Commanding British District, Kumbakonam.		From Dhmsa to Gurur		76 3				76 3 Table No 118
		Chobamano	17 6	93 9				76 3 Table No 118 (2)
		Gulala	16 2	109 1				
		Talamer	12 0	121 1				
		Reached over		131 2				

Authorities		Name of Stage	Distances				Road and Soil	Water	Supplies	REMARKS		
			Stage		Total							
Military	Civil		Miles	Parasangs	Miles	Parasangs						
		Brought over			121	8						
		Durba	30	8	161	8	Tolerable cart-road	Abundant good, from tanks	Barren	80 houses, a Jagan village. At 8 a.m. 17/ pass Jalandar, 80 houses on hill bank on my place country barren and unproductive. At 12 a.m. 8/ Kappoor, 80 houses, water, mostly from tanks.		
		Gurga	18	6	180	8	Good cart-road, over level country, generally hard and open	Ditto	Moderate	100 houses a Gurga village; a low range of rocky hills to the W of the road near which there is some cultivation. At 1 a.m. 2/ pass Jalandar, 10 houses, and no supplies. At 8 a.m. 6/ Nandawar, 10 houses, 1/2 to 1 mile E of road. At 11 a.m. 5 a.m., a village of 300 houses, with a fort of stone stones, a large tank and moderate supplies. A detachment from Jalandar is stationed here.		
		Vijaypur	18	6	198	0	Good over level and open country	Good and plentiful from tanks and wells	Nandawar, 10	100 houses in a dry branch. A small and fort and a Jalandar house. The whole of the road from Durba or part after Jalandar and the hill generally hard and good for troops. A cow shed is back of the road from Gurga has through a valley formed on the W by low hills, which are low and pass from Jalandar, and there are some river tanks. The boundary hills cover at the 1 mile side; they are very low and probably easy to be passed by carts. At 8 a.m. 8/ Jalandar, 100 houses several wells with good water: excellent station. At 10 a.m. 8/ Jalandar 60 houses, and a large tank; very plain as a rule.		
		Burra	14	7	212	7	Cart-road, sandy and heavy, chiefly low and level	Plentiful and good from tanks	None	3 or 4 houses. The greater part of it is a road from the last stage over a succession of low hills, the last 2 m. in a hard gravelly valley, with abundance of water, and hills or no cultivation on the road and no jungle though the hills are rocky. At 3 a.m. 7/ pass Burra, 50 flat pebble houses, on a small sand fort; water from tanks. At 8 a.m. 11/ Omba, 100 houses, with tanks. At 10 a.m. 3/ Jalandar, 20 houses 1 mile, and 1 mile. No supplies at these places.		
		Khairpur	12	6	224	6	Ditto	Plentiful and good from a large tank and 6 wells in Khairpur	None	80 houses, on a low rocky range, the route here through a pass sandy or muddy and an embankment of trees with one or two small tanks on intervals, surrounding grass land. At 6 a.m. 5/ pass Khairpur, on the left of the road, with a small fort on a hill; a tank, but no supplies.		
		Jalandar	8	3	232	7	Cart road	Plentiful and good from tank and wells	Abundant of every kind excepting to sugar, which is only to be had from a distance by purchase.	At 1 a.m. 6/ across a low range of rocky hills, which the road passes as a dry river bed. At 3 a.m. 3/ pass by a large tank to the W of which are the ruins and fort of Jalandar, the capital of the district. The whole of the road from Jalandar has through an unproductive sandy soil, which is rocky or sandy water is little very sandy, and at a great distance below the surface, but water, in the limestone soil beneath of the soil, water returns to a great value for many months. The country round Jalandar for many miles is a sandy desert, a succession of valleys or small hills several miles long and three or four broad, of yellow limestone, the sides of which dip gently to the westward, and cross out on the eastern side with a bold profile 50 or 100 feet high. The only patches of good water are in the southern end of one of these ranges, sandy limestone, and covered in every direction on the S. side, but within the		
		Carried over			248	7						

General Officer Commanding Military Division, Lahore

Agent to the Government-General for Hyderabad at Ajmer, or National Agent at Jodhpur

FROM DAPOOLEE TO KOLAPOOR, BY THE AMBA GHAUT.

GENERAL DIRECTION, BE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
		From the Church at Dupoolie to Phooroo.	10	51	10	51		
		Negdeh .....	11	54	23	34		} Vide Table No. 104.
		Chilpoom .....	13	6	33	14		
		Sawardo .....	10	51	43	04		
		Arrowlee .....	8	01	53	71		
		Sungumashwar .....	11	7	65	03		} Vide Table No. 100.
		Dowrookh .....	10	5	70	24		
	Collector at Rainsberry.							
		Sakurpe waroo junction of road from Ibrahimpoor.	7	7	81	21		
		Amhagaum .....	7	51	62	0		
	Political Agent at Kolapoore.	Mulkapoore .....	10	01	102	01		
		Carried over...			102	01		

TABLE No 118

## FROM DEESA TO JOODPOOR, BY SEEROWHE AND PALLEH.

CENTRAL DISTRICT, B.N.R.

Station.	Name of Station.	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
		Miles. Percentage	Miles. Percentage				
Military	Chil.						
	Deesa to Rander	-	14 75				Table No 119
	Deesa to Rander	15 24	29 5	Good road, heavy 5 to 6 inch wheels, and 2 small tanks	5 wells of good water, and 2 small tanks		75 houses and Government bungalow; on camp at an open place. At 10 m. 25/ from Deesa, 50 houses, 3 wells. At 17 m. 61/ Atal, 70 houses, 1 large well and good water. At 20 m. 64/ Kalkara, 80 houses, 1 shop, 8 good wells. At 21 m. 41/ Rander, 180 houses, 3 shops, 2 good wells. Good night shelter station with study and strong lock, hills on left; a good deal of jungle on the road and at each collection near village.
	Rander S.P.	16 31	45 51	Good road, good and abundant water and fuel	Abundant from a hillside with a tank		1 large open town the residence of a Raja, water only hills. 500 m. 80/ on an open place; a Political Agent's bungalow here. Also the other bungalow and a large house capable of holding 100 houses (travelers). At 15 m. 17/ from Rander, 100 houses, 3 shops, 2 wells, and a tank. At 20 m. 71/ Kalkara, 10 houses, 1 well, 1000 small wells, offering no water. 1 mile, on water on the right about 5 m. from the river, and for the last 5 m. on a hill side, 5 or 6 m. off, jungle, etc., on hillside.
	Palleh	10 1	74 51	Ditto	3 wells of good water and 1 small tank		240 houses and a traveller's bungalow on a rocky ground near B. At 10 m. 81/ from Rander, 100 houses, 1 well, 1000 small wells, and a hill with jungle, hills on the right above the road.
	Rander S.P.	12 1	86 51	Ditto	Abundant from a hillside with a tank		The entrance of the Joodpoor region on the S. bank of the Joodpoor river; travellers' bungalow, 100 houses, 1 well, 1000 small wells, on a rocky ground near the travellers' bungalow. At 10 m. 17/ from Rander, 100 houses, 3 shops, 2 wells, and a tank. At 20 m. 71/ Kalkara, 10 houses, 1 well, 1000 small wells, offering no water. 1 mile, on water on the right about 5 m. from the river, and for the last 5 m. on a hill side, 5 or 6 m. off, jungle, etc., on hillside.
	Rander	13 4	100 55	Ditto	10 wells and 1 large tank	Abundant from a large tank	100 houses, 1000 small wells, offering no water. 1 mile, on water on the right about 5 m. from the river, and for the last 5 m. on a hill side, 5 or 6 m. off, jungle, etc., on hillside.
	Dink	10 1	110 55	Good road and heavy 5 to 6 inch wheels, and 2 small tanks	Good water, and 2 small tanks		100 houses, 1000 small wells, offering no water. 1 mile, on water on the right about 5 m. from the river, and for the last 5 m. on a hill side, 5 or 6 m. off, jungle, etc., on hillside.
	Corral		110 55				100 houses, 1000 small wells, offering no water. 1 mile, on water on the right about 5 m. from the river, and for the last 5 m. on a hill side, 5 or 6 m. off, jungle, etc., on hillside.
	Corral		110 55				100 houses, 1000 small wells, offering no water. 1 mile, on water on the right about 5 m. from the river, and for the last 5 m. on a hill side, 5 or 6 m. off, jungle, etc., on hillside.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
<b>General Officer Commanding Mhow Division, Mhow.</b> <b>Agent to the Governor-General for Rajpootana at Ajmer, or Political Agent at Jodhpore.</b>										
		Brought over ...	...	...	112	4				
		Gondwara ..... B.	12	3	120	0	Road good and hard soil generally black.	Abundant and good, from 1 large tank and several wells.	Moderate ... 400 houses, nearly deserted in 1849; travellers' bungalow; encamp N., near the tank, on a plain. At 1 m. 7 1/2 f. Bodlaes. At 10 m. Doegree, a few huts. Country as before.	
		Palloo ..... B.P.T.	11	5	137	5	Ditto ...	Abundant, from wells and tank.	Abundant, of all kinds	A large open commercial town, with a travellers' bungalow; good encamping ground near it. At 8 m. 1 1/2 f. para Mundlee, 60 houses and 3 wells; cross a broad, shallow, sandy river S. of Palloo; country as before. Palloo is celebrated for its printed cloth and iron manufactures.
		Karha .....	0	3	147	0	Road excellent, on an open plain.	Good, from tanks.	Scanty.....	A middling village.
		Bohat .....	8	7	155	7	Sandy, over undulating ground.	Good, but scarce.	Procureable ...	A large village.
		Mogra .....	12	7	168	0	Hard and good in some parts, and in others sandy, over an open plain.	Bad, from wells ...	Must be collected.	Small village; cross the Loonee by ford, small rill of brackish water.
		Jodhpore or Jodhpore, P.	11	3	...	...	Sandy and heavy ...	Abundant .....	Abundant ...	An extensive walled town, surrounding a stone fort built on rock, which is scarped all round so as to be almost perpendicular; very little cultivation, and patches of jungle.
		Total.....	...	...	180	1				
		18 Marches.								

TABLE No. 119.

FROM DEESA TO MANDIVEE, BY RAHDINPOOR, ARDYSIR, ANJAR, AND MOONDBA.

GENERAL DIRECTION, SW. BY W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.					
			Miles.	Furlongs.					
General Officer Commanding Northern Division, Unattached.	Political Superintendent at Pabliapoor.	Camp near Deesa to Bammow.	13	5	13	5			
		Gondra .....	13	7	26	4			
		Oon .....	14	2	40	0			
		Rahdinapoor .....	11	1	51	7			
		Waryo .....	10	7	62	0			
		Babra .....	13	2	75	0			
		Bajoo .....	12	7	87	7			
		Ardysir .....	12	4	101	3			
		Bhoomnair .....	7	3 1/2	108	0 1/2			
		Chittore .....	16	7	124	6 1/2			
		Carried over...			124	6 1/2			

- Vide Table No. 83. (1)

Authorities		Name of Stage.	Distances		Road and Soil.	Water	Supplies.	Remarks.
Military	Civil.		Stages	Total				
			Miles.	Postmiles.				
General Officer Commanding Madras Division, Bangalore	Political Agents at Mysore	Brought over		12 1/2	6 1/2			
		Laksh	0 4	122 1/2	1 1/2	Generally good and sandy, rocky and chert, and about 1/2 m. to the east.	small tanks, abundant, 70 ft. deep.	small well-bored wells in a rocky country, and occasional ground S. At 4 1/2 from Laksh across a small sandy river, many people in the road.
		Brachery	18 4	140 1/2	6 1/2	Good but sandy soil, rocky to the east.	Some small tanks and many in the sandy tract.	113 houses, and a small hill fort; occupying ground NW, 1/2 and 1/2 m. to the S. At 1 1/2 m. 4 1/2 from Brachery, 70 houses. At 10 m. Yagur, 100 houses. 1/2 m. to the S. a good well and tanks. Country low and level; 1/2 m. to the S. and tanks increased by about 1/2 m.
		Bhoomar	14 7	154 1/2	4 1/2	Dark	Good wells and many tanks; 1/2 m. to the S.	100 houses, in a deep S. At 8 m. from Bhoomar, 40 houses, with over 150 wells. Some wells are, in some low sandy ground with people, the S. about 3 m. to the S.
		Anga	10 8	164 1/2	3 1/2	Good and good, over a plain.	Abundant and excellent, over river, tanks, and wells.	At 10 m. from Anga, occupying ground SW or NW, 1/2 m. to the S. At 8 m. 4 1/2 from Yagur, 100 houses; the first half of the road (the jungle, the road unimproved).
		Kaymas	8 0	172 1/2	3 1/2	Heavy and sandy soil, brown low hills.	Excellent wells, abundant, a good tank.	400 houses; occupying ground on S. At 8 m. only 1/2 m. to the S. NW, 1/2 m. to the S. and dry, but sandy and undulating. At 8 m. 7 1/2 from Kaymas, 200 houses, 1/2 m. to the S. a good well. Country undulating, and partly cultivated.
		Danapur	10 8	182 1/2	3 1/2	Good, but sandy, and set up by curbs.	Good, from wells, and many tanks; 1/2 m. to the S.	80 houses; good occupying ground where the S. is, at 1/2 m. to the S. on the S. At 8 m. 1/2 from Danapur, 100 houses, At 8 m. 1/2 from Danapur, 80 houses. Country open and undulating.
		Mandira	10 8	192 1/2	3 1/2	Narrow and sandy, with some heavy sandy soil; 1/2 m. to the S.	Abundant from numerous wells, river and tanks.	Abundant, large water.
		Kaymas	8 0	200 1/2	3 1/2	Good 8 m. very heavy and sandy, and a river at some distance.	Good of good soil, to a good well and a river at some distance.	100 houses. Very good occupying ground NW 1/2 m. to the S. At 8 m. from Kaymas, 70 houses. At 1 1/2 m. 8 1/2 from Kaymas, 200 houses, across a very wide river with heavy banks of sand. Country open and undulating, and 8 m. to the S.
		Mandira W. Gata	16 7	216 1/2	3 1/2	Generally heavy, from deep sand, and some of water.	Abundant and good from wells and tanks.	Abundant, all land.
		Total		216 1/2	1 1/2			
		19 March						

Location		Number of Pages	Duplication			Road and Soil	Water	Vegetation	Remarks
			Single	Total					
Military	Civil		Notes	Page	Page				
National Agency at Mbari.									
		Length over		134 1/2					
		Latika	8	4	135 1/2	Generally good and sandy; many small clumps, and some small trees, but very few.	small trees, and some small clumps, and some small trees.	Abundant, 100	small wooded area in a bushy country; good country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	15	4	140 1/2	Good, but sandy over road, country is the same.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	14	7	147 1/2	Same.	Good, but sandy over road, country is the same.	Abundant, 100	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	10	8	157 1/2	Good, but sandy over road, country is the same.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	8	0	165 1/2	Heavy and sandy in some low hills.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	10	5	175 1/2	Good, but sandy over road, country is the same.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	10	8	183 1/2	Heavy and sandy in some low hills.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	8	8	191 1/2	Good, but sandy over road, country is the same.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Latika	18	7	209 1/2	Generally heavy, some deep sand, and some of sand.	Some small trees, and many small trees, mostly small trees.	Abundant	400 houses, and a small 100 ft. river, country ground 400 ft. At 10 ft from Latika some small sandy river, some people on the road.
		Total		227 1/2					
		10 Minutes							



TABLE No 120.

FROM DHESA TO MEHOW, BY BHERSULNUGGUR, BHERJAPPOOR, HURSOLE,  
BHERPOOR, LOONAWARA, AND DOHUD.

GENERAL DIRECTOR, BR. N. 8

Authorities		Names of Places	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles.	Parangas					
General Officer Commanding Northern Division, Allahabad	Political Agent at Allahabad	Down to God	11	04				7th Table No 7	
		Mayla	8	0					
		Bherjapoor	8	2					
		Dohud	7	4					
	Resident at Bherjapoor	Bherjapoor	18	3	Good level and road	Large tank and abundant wells, water abundant	Abundant	A walled town, country cultivated; encamping ground N, near a tank. Pass at 8 m 11 f Wernough well, tank, and 80 houses. At 8 m 31 f Turchi, 2 wells, 2 tanks, 2 shops, and 60 houses. At 7 m 11 f Kirdowar wall, tank, 2 shops, and 100 houses. At 9 m 6 f Bherjapoor wall, tank, and 10 houses. At 11 m 04 f Karna, 2 wells, 1 tank, 1 shop, and 180 houses, across Karna river here.	
		Bherjapoor	15	6	Ditto	Pleasant, 11 wells and a tank	Pleasant, 1000, 60 houses, extensive encamping ground near a tank. At 8 m 8 f pass Gajera 2 wells, and 80 houses. At 8 m. Gajera, 180 houses, 2 wells, and tank and 0 shops. At 9 m 51 f Pindam, Bherjapoor village 1 well. At 11 m 01 f Pindam, 280 houses, 2 wells a tank, and 8 shops. At 12 m 4 f Gajera 200 houses, 80 wells, 4 shops		
		Bherjapoor	15	7	Ditto	3 wells and 1 tank	8 shops	200 houses encamping ground SW, near a large well and tank. At 8 m 01 f pass Bherjapoor 200 houses 16 shops, and river Bherjapoor, with good encamping ground on its bank, cross by ford, low banks bed heavy and sandy. At 7 m 4 f Bherjapoor, on the left bank of Bherjapoor river, 60 houses 1 well 1 shop. At 10 m 4 f Bherjapoor, 6 houses, 3 wells, and 2 shops	
		Bherjapoor	11	0	Ditto	Good and abundant water	Moderate	Turns a large enclosure, now a small Police station with house, Post office, on valley Bherjapoor, and 2 dharmshalas, good encamping ground near the Bherjapoor, on the banks of the Mayura river. At 1 m 01 f across a small river to Bherjapoor, 60 houses, 1 well 1 tank, and 8 shops; country generally covered with low jungle, with cultivation near villages. At 4 m 3 f across the Karna river to Dohud, 180 houses, 12 wells a tank, and 4 shops. At 7 m 51 f Dohud 20 houses wall, tank, 1 shop, across Mayura river close to Bherjapoor, high banks	
	Political Agent Mayra Koria at Bherjapoor	Alkora	9	11	Good road, soft mud.	4 wells and 1 tank	4 shops	200 houses, and good encamping ground SW of village. At 2 m 3 f pass Karna-as Karna, a small Bherjapoor village 1 well. At 8 m 31 f Karna-as-Meow, 1 well. At 8 m 01 f Bherjapoor 20 houses wall, and tank. At 8 m 8 f Karkora 20 houses, 1 well from whence pass the Mayura river. Dohud try thank people, and unfriendly about the villages	
		Alkora							
	Grand total		80	04					

Authorised		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Perching					
General Officer Commanding Northern Division, Assam	Political Agent Khasi District to Barak	Brought over			90	05	Good road, soil black & well and brick.	Abundant	500 houses; country up ground SW of village. At 4 m. 14/7 pass B while a small flood village of 50 houses on the Watali river, which is crossed here by a steep and steep bank; no supply has been made. Country very jungle.
		Barak	0	0	150	06			
		X Barak	7	5	13	07	Ditto	8 wells	Abundant supply. 100 houses; country SW. At 1 m. 14/7 pass Barak. 50 houses & 8 wells - no supply. At 3 m. 0/7 Khasi, 1 well.
		Barak	10	5	125	08			
		Khasi	7	5	125	10			
		Barak	18	4	145	09			
		Khasi	10	0	180	05			
		Khasi	13	7	108	06			
		Khasi	7	0	178	07			
		Dalit	14	4	180	02			
		Khasi	10	4	180	03			
		Khasi	0	4	180	04			
General Officer Commanding Khasi District, Mhow	Political Agent Khasi District to Barak	Barak	0	4	180	05	Ditto		Tolerably good country road.
		Barak	0	4	180	06			
		Barak	13	7	180	07			
		Barak	11	1	180	08			
		Barak	0	5	180	09	Ditto		Tolerably good country road.
		Barak	13	8	180	10			
		Barak	0	5	180	11			
		Barak	0	5	180	12	Ditto		Tolerably good country road.
		Barak	0	5	180	13			
		Barak	0	5	180	14			
		Barak	0	5	180	15	Ditto		Tolerably good country road.
		Barak	0	5	180	16			
Barak	0	5	180	17					
		Total			900	01			
		20 Mhow.							

File Table No. 14 (2)

File Table No. 14, (1)

TABLE No 121 (1)

FROM DEISA TO NEEMUCH, BY REDUR, KHAIRWARA, AND OODEYPOOR.

GENERAL DIRECTION, &amp;c

General Officer Commanding Southern Division, Ahmedabad

Authorities		Distances				Road and Soil	Water	Supplies	Remarks	
Military	Civil	Miles of Stages		Stages	Total					
		Miles	Package	Miles	Package					
	Political Agent at Pahlunpore	Deesa Government to Chavandhar	9	2	9	8	Road good, but heavy sandy soil	3 wells and a tank with water for eight months.	Moderate	200 houses, and good occupying ground. At 2 = 5 f. pass Bhoja, 60 houses, good well and tank. At 5 = 1 f. Bhoja (about), 60 houses, well, and tank. At 5 = 3 f. Bhoja (about), 50 houses, well and tank. Country very dry and sandy. Pass two wells on the road.
		Pahlunpore (Deesa Government) to Gola	9	3	18	6	Do do	Plentiful, from abundant wells and tank, for four months.	Abundant	A large well in a low occupying ground. At 2 = 5 f. pass Bhoja, 60 houses, good well and tank. At 5 = 1 f. Bhoja (about), 60 houses, well, and tank. At 5 = 3 f. Bhoja (about), 50 houses, well and tank. Country very dry and sandy. Pass two wells on the road.
		Roopal	10	3	28	1	8 tank, and water for eight months, also 5 wells.	4 shops		120 houses in open ground, country to trees and cultivation all round. At 2 = 1 f. pass Bhoja, 60 houses, well, and tank. At 5 = 1 f. Bhoja (about), 60 houses, well, and tank. At 5 = 3 f. Bhoja (about), 50 houses, well and tank. Country very dry and sandy. Pass two wells on the road.
	Headquarter at Baroda	Madhopur	10	2	38	3	4 wells	3 shops		280 houses, occupying ground N of town. At 2 = 1 f. pass Bhoja, 60 houses, well, and tank. At 5 = 1 f. Bhoja (about), 60 houses, well, and tank. At 5 = 3 f. Bhoja (about), 50 houses, well and tank. Country very dry and sandy. Pass two wells on the road.
		Wadwa of Baroda	18	0	56	5	Good road, good, but sandy and heavy for 5 = 1 f. afterwards better	Subsistence river	Scarce	80 houses, on the right bank of the Narmada river, and 18 houses deep at the ford, waterable at times in the river, good occupying ground on both banks, even the river by a bed of sand and pebbles. At 2 = 5 f. pass Bhoja, 60 houses, good well and tank. At 5 = 1 f. Bhoja (about), 60 houses, well, and tank. At 5 = 3 f. Bhoja (about), 50 houses, well and tank. Country very dry and sandy. Pass two wells on the road.
Political Agent at Khayri Khera at Baroda	Deesa D F		14	3	66	5	Good road, still sandy for 5 = 1 f. afterwards hard, this jungle on each side, with oil thicket in parts	7 wells and two tanks, abundant always	Abundant, lower	A large town, the principal of the province, travellers bazaar and Post office, occupying ground S, with a fine tank and wells near. At 2 = 5 f. pass Bhoja, 60 houses, good well and tank. At 5 = 1 f. Bhoja (about), 60 houses, well, and tank. At 5 = 3 f. Bhoja (about), 50 houses, well and tank. Country very dry and sandy. Pass two wells on the road.
		Cumulated over			66	5				

Authority at		Name of Stage.	Distance		Road and Soil	Water	Supply of	Remarks.
			Stage.	Total				
Military	Civil		Miles.	Feetage	Miles	Feetage		
General Officer Commanding Northern Division Allahabad.		Brought over		88 8				
		Meerut, or Meerut	11 7	80 4	Good road and at first hard afterwards sandy, on way to jungle and in jungle difficult.	34 wells, tank and Budaun in the	Uncultivated shops	800 houses, except H. A. 4 m. 1 f. from Lucknow. 60 houses and 15 wells on the Ganges river. At 4 m. 2 f. from the H. A. river. At 7 m. 8 f. Budaun or Meerut and river 80 houses, shops and water about 100 from wells and river. At 8 m. 8 f. Lucknow, 80 houses, 7 wells and Budaun river. At 9 m. 8 f. Lucknow. 80 houses 8 wells and river.
		Thane, Thane	11 8	81 6	Good road through a well in jungle		3 shops	100 houses. At 1 m. 8 f. from Thane a few houses with wells. At 2 m. 8 f. Ghazipur, the same. At 7 m. 7 f. Ghazipur, 400 houses and some houses of good water and up to an orchard occupying ground. Cultivate the all round.
		Full	12 1	104 7	Good but very narrow over sandy soil and through jungle.	From wells	All. Some p. House of supply variable.	A good fertile town of 800 houses. At 1 m. 8 f. from Thane, and at 2 m. 8 f. Budaun, small houses with a few wells. There is a small tank. The house is back, the mango tree Thane Thane is Full.
General Officer Commanding Lower Division Meerut.		Thane	8 25	118 14	A road has been cleared from Full to this place through a narrow valley or river bed but from the village and it has become overgrown and a many places destroyed by rain and covered with lands slides. It only requires re-clearing.	Wells and wells water abundant	3 shops	100 houses. Orchard occupying ground.
		Chakrawa	10 24	128 4	The cleared road still but wind up and by and a narrow path 400 feet from the state of danger from. Chakrawa is better.	Plentiful from river and wells.	Plentiful, good and large house	700 houses on old site and the head-quarters of the H. A. and G. P. Station is in the same. 180 houses. Water from tank and wells and supplies plentiful.
		De Kumbh	12 21					
		Total		142 25				
		at Meerut.						

Folio Table No. 12. (1)



TABLE No 121. (3)

FROM DRESA TO NERMUCH, BY DOONGURPOOR AND SALOOMBUR.

GENERAL DIRECTION, E. &amp; N

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Partings				
General Officer Commanding Mysore Division, Mysore	Political Agent Mysore District, Mysore	Dressa, Channarayana to Mandanah or Kinnah		80	1			File Table No. 121 (1)
			Jatnada ..	13	1	A good path, not travelled by carts, confined by jungle.	Fullamatta and Katta rivers, and a well.	
		Kannada	11	1	A good cattle road, as might easily be made practicable for carts	Wells, tank, and a small river	Small village, and surrounding ground. At 11 m 7/ pass Channarayana a few huts, well, and Pannur river. At 11 m 8/ Dandur, and the Kinnah river. At 11 m 8/ Pannur, a few huts, river, and well for the first time. At 11 m 9/ Kinnah, a few huts, river, and well. At 11 m 10/ Fullamatta river, and well. At 11 m 11/ there is an ascent for 3/; road easy for carts, along the source of the Kinnah river, occasional right and left hills, and the bed of the river which is deep and difficult for guns. There is a range of hills on both sides of the road the stage at the way.	
		Channarayana or Ganga	10	1	As above, with the exception of the Channarayana pass, which is very rugged, and we do require much labour to open.	Wells and river	Small village, surrounding ground good, river, country, easy. At 10 m pass Kinnah, wells, and water from pits in bed of river, 40 houses. At 10 m 1/ Kinnah, a few houses and a well. At 10 m 2/ Kinnah, a well, 20 huts and wells. At 10 m 3/ Kinnah or Kinnah 8 wells and river, 20 houses; surrounding ground (channarayana) descent to Kinnah pass, a gradual descent of about 800 yards, flanked by a small hill with water in its bed, and confined by steep rocky hills on both sides, especially the wooded mountains. At 10 m 4/ Mandanah, 3 wells, and river, which is crossed here. At 10 m 5/ Pannur, well and river. The river is deep in several places (the last is the last).	
		Channarayana	6	1	A good cattle road, and might easily be made practicable for carts	Abundant, good, from a well and tank	A walled town, built in a valley and partly surrounded by hills on the highest of which there are fort. about 1,000 houses. At 6 m of the city, and at 6 m 1/ pass Kinnah, 12 houses, 3 wells, and a tank. At 6 m 2/ Kinnah, 3 wells and a tank. At 6 m 3/ Dandur, 3 wells and a tank. At 6 m 4/ Pannur, 3 wells and Kinnah river. At 6 m 5/ Kinnah, 20 houses, 4 wells, and a tank.	
		Channarayana	13	8				
		Mandana	8	8				
		Channarayana	13	0				
		Mandana	14	0				
		Channarayana						
		Channarayana						

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
General Officer Commanding Mhow Division, Mhow	Agent to the Governor-General at Ajmer and the Political Agent at Chudaypur	Brought over			100	0		File Table No. 13 (Q)
		Gangh	12	0	100	0		
		Kacobar	12	0	100	0		
		Kyrah	12	7	100	7		
		Kapooran	12	0	100	7		File Table No. 14 (L)
		Machan	12	5	100	12		
		Machan	12	1	100	13		
		Kyapur	7	0	100	20		
		Machan	7	0	100	27		
		Total			100	64		
		to Machan						

TABLE No 121 (4)

FROM DEESA TO NHEMUCH, BY DOONGURPOOR AND PURTABGURH.

GENERAL DIRECTION, NE TO DOONGURPOOR AND NW TO

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles.	Furlongs				
General Officer Commanding Mhow Division, Mhow	Agent to the Governor-General for Rajasthan at Ajmer, and Political Agent at Chudaypur	Deesa to Chudaypur			12	0		File Table No. 121 (Q)
		Deesa	12	7	100	5		File Table No. 13 (Q)
		Chudaypur	10	7	100	4		
		Chudaypur	8	1	100	5		
		Deesa	8	0	100	5		
		Deesa	11	0	100	0		
		Palera	7	0	100	2		
		Chudaypur	8	0	100	0		
		Deesa	12	4	100	4		
		Chudaypur	7	4	100	0		
		Deesa	10	0	100	0		
		Deesa	11	0	100	1		
		Total			100	5		File Table No. 14 (Q)
		to Machan						





Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Parasangs	Miles	Parasangs		
General Officer Commanding Mysore District of Mysore Agent to the Governor-General for Mysore and the N.W. Frontier at Colespore		Brought over		182 4				
		Chola Narayan	18 5	205 14	Good generally rough with a hard slope in some places			80 houses, occupying ground good and open. Pass at 7 m. 1/2 of Kappanna. 800 houses and a good bazar. At 8 m. 4/5 of Bahkara Road rough in parts and several water-courses from a large tank near Kappanna. Cross 10 miles.
		Bova	12 4	312 5 1/2	Do do	Do do	Do do	A large village occupying ground good and open. At 1 m. 6/5 of pass Bova. At 2 m. 6/5 of Kattara. At 4 m. 4/5 of Bagurra. At 5 m. 4/5 of 8 m. At 7 m. 4/5 of Bahkara. At 10 m. Changan. At 10 m. 3/5 of Jagan. Road rough near the last place; low hills W. of Bova. Cross the Bahkara river and 6 miles.
		Hambur B P	18 0	330 1 1/2	Do do	Tank and wells	Abundant large bazar	A large walled village with travellers and in good cultivation occupying ground N. At 2 m. Marra. At 3 m. Chola. At 7 m. 4/5 of Pass. Level country, covered with low jungle.
		Kyagura	7 2	337 7 1/2				} Vide Table No. 15 (1)
		Mamurah road B P T	7 6 1/2					
		Total		345 6				
		At Marra						

NOTE.—The direct route from Marra to Hambur by the Marra Pass and Colespore is 25 m. 2 1/2 f. shorter than the above but is a more difficult track. See Table Nos 123 (1) and 15 (1)

TABLE No 122

FROM DEHSA TO NUSSEHABAD, VIA SHIMBOHEN, PALLAH, AND NYANUGGUR.  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Parasangs	Miles	Parasangs		
General Officer Commanding Mysore District of Mysore Agent to the Governor-General for Mysore and the N.W. Frontier at Colespore		From Dehsa. On roadward to Pallah		187 5				Vide Table No 118.
		Dehsa	11 3	200 0	Made road on a hard plain	Water from tank nearly 5 m. W. of Dehsa.		80 houses and a travellers bungalow. Good cultivation. At 8 m. 7/5 of pass Dehsa. A few houses and a bazaar with a tank and 6 wells.
		Dehsa (Palah Gate)	13 1 1/2	213 1 1/2	Good and hard good road	Abundant water from a river tank and numerous wells	Abundant	A walled town with several good round bastions built of stone. A small garden in the town and a fort on the hill. A travel bazar bungalow. Good occupying ground N. of the bungalow. Pass at 5 m. 1 1/2 of Bagurra. A small village of 80 houses with 3 stages, a tank, and a well.
		Carried over		226 1 1/2				

Authority		Name of Stage.	Distance		Road and Soil	Water	Vegetation	Remarks
Military	Civil		Miles.	Portage.				
Agent to the Governor-General for Suggestions at Agencies, and the Political Agent at Bangalore		Brought over						
		Channarayana	18	8	Good generally, rather heavy from Channarayana party in the bed of the Kottara river	Good, from a large tank and some rain water	Males; good many sheep.	100 houses and travellers' bungalow, and surrounding ground W or S.W. in a plain near tank. At 2 m S of above the Kottara river 100 yards wide land is low, but steady At 4 m Channarayana on the left. At 5 m 7/2 pass hillside 100 houses, 3 sheep, a well and a tank on the right. At 6 m 6/2 Bannab 100 houses 7 sheep water from river, a tank and some wells and some at 10 m 4/2 Kottara river, low banks, and had heavy mud
		Scots	9	12	Made road, all steady	Wells	10 sheep, good many trees. Newspaper 2 at end	200 houses, good surrounding ground N and W. At 5 m 6/2 Newspaper 200 houses, 10 sheep, water from a tank and well. Open dry open
		Barr	8	51	Made road, then jungle on either side	One tank, and some wells	200 sheep	About 100 houses and travellers' bungalow, situated under the hills, with a garden enclosed by Channarayana, surrounding ground SW One large tank and hill covered near Barr At 1 m S of above the Kottara river 200 yards wide levelish a few houses after heavy rain. At 2 m 1/2 Newspaper, a large village a mile to the right
		Bannab	8	4	Good made road (left) Jungle on both sides of the road, in the part	Tanks and wells	20 sheep	20 houses about 1/2 to the left; suspension low yellow and a swampy ground At 2 m 8/2 a small tank and a short forest. At 3 m 6/2 another about a mile and some hills. At 4 m 4/2 a tank. At 6 m 4/2 Bannab, 1 1/2 to the right.
		Channarayana B.P.T.	9	0	Good made road	Forest, trees, tanks and some wells	Abandoned away Channarayana	A large walled town with some stone houses, 1 and quarters of the Muras are found here. Then travellers' bungalow 1 mile and Telegraph office, surrounding ground NW on the banks of the river At 2 m 6/2 Bannab pass 7 houses. At 4 m 4/2 Bannab, 20 houses and end of Barr pass At 6 m 4/2 Telegraph, 10 houses At 7 m 1/2 Channarayana, 8 houses
		Kurru	0	6	Data	Plentiful, from a tank and wells	30 sheep, very few procurable, large abandoned	1,000 houses, Police station and newspaper bungalow, surrounding ground NW. At 5/2 road to Yerracoda branches off on right. At 7/2 Channarayana At 1 m 8/2 a well. At 2 m Channarayana, 5 houses. At 4 m 8/2 a chowrie and tank. At 6 m 8/2 7/2 Paddy 10 houses At 7 m 8/2 a chowrie. On entry covered with low "Barr" houses
		Channarayana B.P.T.	7	8	Made road. A 1/2 mile to tank for first 1/2 m; otherwise in cultivation or thin jungle.	Wells	20 sheep	90 houses Channarayana's Police station, and in sections and travellers' bungalow, surrounding ground N.E. At 2 m 8/2 a chowrie. At 3 m 1/2 a house, 25 houses At 5 m 8/2 a chowrie, a small village. At 6 m 8/2 a chowrie with a small tank; made road to above bungalow off to the left from Channarayana.
		Bannab	7	8	Good made road	Wells and wells	20 sheep, some cattle from Newspaper, 4 m 2	20 houses; surrounding ground SW
		Channarayana B.P.T.	8	5	Like	Abandoned	Abandoned	A large walled town, travellers' bungalow, Post and Telegraph office.
		Total						
		20 Miles.						

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Farthings.				
General Officer Commanding Mhow Division, Mhow.		Notes.—The made road from Mangroves to Ajmere is as follows:—						
		Mangroves to By- raon.	8 0	8 0	made road, roll mixed, W.D. and tank	DO shops		200 houses, and a Police station, surrounding ground N.E. At 8 m. S. of a well. At 8 m. Kumbhwar, 1/2 to the right. At 4 m. S. of a well.
		Ajmere Fort office. R.P.O.	10 0		Do the	Abundant	Abundant	One of the chief commercial towns of Rajasthan. The greater part is surrounded by a wall of its strength; that of the fort, in which formerly the arsenal was, is crumbling rapidly. On the hill of Tarapur, at the foot of which Ajmere lies, is a fort gradually falling into decay. Levels from Kumbhwar are sent here for storage of ear. At 2 m. a well. At 3 m. S. of two wells. At 4 m. 7/2 Dams. At 6 m. 1/2 Kumbhwar. At 8 m. 1/2 two wells. Head-quarters of the Agent to the Governor-General for Rajasthan is at Ajmere.
		Total.....		18 0				

TABLE No. 123.

## FROM DEESA TO OODHAPPOOR, BY SEEROHEE AND THE MORAS PASS.

GENERAL DIRECTIONS, ETC.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Farthings.				
General Officer Commanding Mhow Division, Mhow.		Deesa to Ajmere at a P.O. office.	—	80 5				Table No. 118.
		Makrana .....	13 7	41 4	Do at a short end of path covered with hard and thin jungle, roll mixed.	Abundant	Abundant, 80 000 houses, surrounding ground N.E. At 2 m. 1/2 a deep pond. At 6 m. 7/2 Bannawa. At 8 m. 1/2 Bannawa. At 10 m. S. of Bannawa a temple. At 12 m. S. of Bannawa. Country hilly for first half stage.	
		Kesri .....	11 7	52 2	Hard possible for heavy carts.	Wells	None	10 houses; surrounding ground N.E. At 8 m. Kumbhwar. At 11 m. S. of Kumbhwar, and surrounding the corner of the Mhow pass. At 11 m. S. of the pass road. Country hilly and covered with thick jungle.
		Makra to Chavra .....	11 4	107 7	Do the roll hard W.D. and a well.	Wells and a well.	None	50 houses; surrounding ground N.E. At 4 m. S. of Kumbhwar. At 6 m. S. of Kumbhwar. At 8 m. S. of Kumbhwar. Cross two ghats between Kumbhwar and Bannawa. Road rough and winding. Country hilly and covered with thick jungle.
General Officer Commanding Mhow Division, Mhow.		Agroha .....	18 4	125 1	A rough cattle track, roll mixed.	Wells and tank	Abundant	200 houses; surrounding ground N.E. At 2 m. S. of Kumbhwar. At 7 m. Chaitan Kumbhwar and a small ghata. At 10 m. pass road. At 12 m. S. of Kumbhwar. At 14 m. S. of Kumbhwar. At 16 m. S. of Kumbhwar. Country hilly and covered with thick jungle. On this stage the road lies for the most part through and along the bed of a tamed nearly dry in dry weather, with hills steep to the road on either side.
		Overall sum .....		181 1				

Authority		Name of Stage	Distance		Y <sup>n</sup> and Bull	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Maler Division	Agent to the Governor General for the Province of Agumee and the Field Col Agent at Chakrapar	Brought over		134 5/8				
		Maler	0 7	120 1/2	A rough cattle track leads and road		Scarce	A small village, encompassing ground N At 3 = 3 f. Thunders to the left and Bayside to the right. At 6 = 8 f. Above Grade. At 7 = 4 f. Thunders, country undulating hilly and jagged, soil red and rocky.
		Chakrapar	0 1		Date	Abundant	Abundant	A large well worn stream on the east bank of a fine lake among mountains the two faces of a steeply rising, and the full oil Agent in Maler, encompassing ground in fields near the stream where the road from Chakrapar joins. At 1 = 4 f. Bayside to the left. At 2 = 5 f. Thunders to the right. At 3 = 4 f. Chakrapar and Bayside 1/2 m. to the right. At 4 = 5 f. Bayside. Country red soil as above
		Total		140 5/8				
		13 March						

TABLE No. 124

FROM DEESA TO RAJKOTE, VIA PUTTUN, VEHRUNGAUM, AND WUDWAN

CENTRAL INTELLIGENCE AGENCY

Auctioneer		Name of Stage	Distance		Road and Rail	Wages	Supplies	Remarks
Military	Civil		Stage	Total				
			M. mi.	Package Furlongs				
General Officers Commanding Reserves at Almota, N.Y.	Federal Agent at Kaituma at Buffalo	Down to Young		84	4			T & Table No. 114.
		gum.	11	85				
		Chick	14	85	87	13		
		Lumber	14	8	100	8		T & Table No. 11 (7)
		Wagon	14	2	125	7		
		Shoes	18	84	187	82		
		Shoes	10	1	137	84		T & Table No. 10
		Shoes	18	8	187	84		
		Shoes	18	"	171	82		
		Lumber	8	7	187	44		
		Shoes	10	74				
		Total			1,371	34		
10 Miles								

TABLE No. 125. (1)

## FROM DEESA TO ROREE, BY BALMEER AND JEYSULMEER.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
									Miles.
Military.	Civil.			Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow. Agent to the Governor-General for Baluchistan at Ajamro, and the Political Agent at Jodhpore.		From Deesa Camp to Jeyulmeor.	...	...	215 7	.....	.....	Vide Table No. 117.	
		Chattrail . . . . .	14	1	230 0	Sandy and stony road, over low sandstone ridges.	3 good wells in bed of a river.	None; coarse grass procurable.	March from Kishan giant, the best encamping ground near Jeyulmeor, to the N.E. of the town, which pass at 3 m. At 4 m. 6 f. pass Omur Sagur, the country residence of the Rawul, a village with 20 shops, and a fine tank, with wells. At 8 m. 2 f. Joudia or Lodia, 3 f. off the road, 80 houses, 3 shops, and 8 or 10 good wells; bad encamping ground along low sandhills. There is no village at Chattrail.
		Koochree . . . . .	13	4	243 4	Good road, through an open country.	Abundant & good, from 13 built or pukka wells, and a tank; wells 600 feet deep.	Ditto . . . . .	No village at Koochree, but excellent encamping ground near the wells; villages within 2 or 3 miles, whence supplies are procurable. Large flocks of fine sheep about here. At 5 m. 4 f. pass a tank.
		Koochurn or Koara . . . . .	9	0	252 4	Sandy road over a tolerably level country.	3 wells, very deep, of rather brackish water. At 1 m. to the E. among some trees are a number of small wells.	3 shops. . . . .	A small fort and village, with scanty supplies; enough water for a wing of Cavalry, and more wells might easily be sunk; grass procurable from the sandhills round the village, and on the road to Koochree.
		Gotaroo, or Sirdargurh. . . . .	20	4	270 0	The first 15 m. good road over a plain, the rest over sandhills from 15 to 30 feet high, and rather heavy.	Abundant, from 3 pukka wells, 150 feet deep, two within the fort, and three outside close to the wells; the wells are drawn by camels.	3 shops; forage abundant, though coarse.	A small village, with brick fort and round towers, 200 yards square, and a gate on the south face in good order; bad encamping ground in heavy sand. At 4 m. 7 f. pass 3 wells, called Benda, some distance to the right of the road, two of them very salt; about a mile further are several small but good wells, and at another mile some muddy pools, called Moordalee; neither these pools nor wells are to be depended upon. At 10 m. from Gotaroo crosses the boundary between Jeyulmeor and Sindia.
General Officer Commanding Sindh District, Kurrachee. Collector at Bhitarpoor.		Meetraro or Mittrahoo. . . . .	29	2	308 2	Road very heavy, over a succession of sandhills from 15 to 30 feet high, and a severe march for men on foot, but easy for camels and horses.	6 kutcha wells; water good and abundant.	1 shop; very scanty, but grass obtainable on the sandhills.	Meetraro is a small mud fort on a steep sandhill. If the wells were protected, and forage laid in here, there would be no difficulty in the route. Half way from Gotaroo are 2 small ponds, called Soban, and there are two others between it and Meetraro, but they dry up before the hot weather.
		Oodur . . . . .	14	2	322 4	Heavy sandy road, with low jungles, varied by occasional stony ground.	3 small wells of tolerable water, requiring to be drawn and cleared beforehand.	None; nor is forage to be had here.	A small village, occasionally deserted, with the ruin of a fort said to have been swept away by the inundation of the Sara river; good encamping ground between the wells and fort, under trees, to the left. Thick strata of salt in the vicinity. At 7 m. 14 f. pass Kurwa or Kanwa, a small hamlet with 3 small wells of indifferent water.
		Wass or Wassan . . . . .	19	2 1/2	341 0 1/2	Ditto . . . . .	Wells or pits in a nulla WNW., and some pools 1 1/2 m. SNE. of Wass, which, after the inundation, have abundance of excellent water.	None; grown wheat can be purchased in season.	A small hamlet, on a sandhill; water can be procured by digging; troops should ascertain, while halting here, whether there is water in wells dug in a nulla among trees WNW. of the village and below it. At 5 m. 5 1/2 f. pass Muttra-Ka-Kooor, 3 or 4 huts, and a well of tolerable water, and abundance of it, if cleared out. At 9 m. 14 f. Motz, wells of good water. At 10 m. 43 f. Bagha, a well of tolerable water on the left hand, but no village.
		Carried over . . . . .	...	...	341 0 1/2				

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Parasangs	Miles	Parasangs		
General Officer Commanding Banda District, Kumaon	Collector of Almora	Brought over		652 5	Good road through and beside the jungle, but very rough during the night of the monsoon, when it may be made worse.	Abundant, from 2 to 3 miles.	Abundant, from 2 to 3 miles.	Large plain, between two ranges of hills. Good country, good soil of the town on the left bank, surrounded by forest. The country passed in this stage is low country and covered with thick, scrubby vegetation with occasional scrubland.
		Bungar (Hara), or Bungar	6	6				
		Bunga	18	8				
		Total		244 2				
		34 Mardons						

Notes.—This route was traversed by a wing of the 1st Lancers between 28th October and 8th December 1911, and has been surveyed and reported on by several officers. No difficulty of any consequence was experienced on the march, and it was the opinion of the Officer Commanding the Cavalry that, with some attention to repairing and clearing the walls in Wari Moha, Kattar, Oudh, Kottara, Gattara, Kottara, and by carrying bridges on some of the stages, it would be found a more eligible route for Artillery than any of the other lines between Dehra and Bhatnagar. Methods are very much improved on this line, and no troops of any arm should attempt the route later than the 1st March, as the heat and want of water might be fatal. Should the country between Wari and Bura be flooded during the monsoon, an event by no means of unusual occurrence, a separate route may be taken from Oudh by Kottara to Bura, avoiding some of the lowest ground, but in such case it would not be safe to traverse the line before the beginning of October.

Leutenant Teshwar, who marched by this route in 1908, with the Mountain Troop Battery (on route to Jalandhar) reports:—"In ordinary seasons the rainfall in this part of the country is very small, and consequently there is a difficulty about procuring supplies and forage. I found it so with only 40 mules, and water is never so plentiful as elsewhere. At one or two stages towards the far side of the Jeyachakra desert it was rocky, and the walls at the encamping grounds very deep, which caused delay in waiting the animals."

TABLE No. 123 (2)

## FROM DEHRA TO HORDU, BY OOMERKOTE

GENERAL DIRECTIONS, &amp;c.

Authorities		Name of Stage.	Distance		Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Stage	Total					
			Miles	Parasangs	Miles	Parasangs			
General Officer Commanding Banda District, Kumaon.	Political Representative and Officer, at Omerkot.	Dehra to Omerkot		204	1	Good road, level and sandy, well covered with jungle, during the day, but at night it is better.	Abundant from 2 to 3 miles in the bed of the Mera river, and a dam or pool.	This Table No. 123 (B)	
		Byrd Ghoshal Thakur, Bhatnagar	19	8	223				6
		Bunga	21	0	244				0
		Carried over		244	8				
								A small village, 1 1/2 m. from Bhatnagar. Thakur, a few miles on the Mera river, with walls in the bed. The middle of the Thakur is about 3 m. to the right along the stage, country level, and sandy, with jungle of forest and forest.	
								A small village, 1 1/2 m. from Bhatnagar. Thakur, a few miles on the Mera river, with walls in the bed. The middle of the Thakur is about 3 m. to the right along the stage, country level, and sandy, with jungle of forest and forest.	

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Actual	Estimated						
General Officer Commanding Poona District, Marwarra	Political Superintendent Thane and Poona, at Coimbatore	Brought over		244	0					
		Marwarra	12	2	250	0	First part in the bed of the Bahr river, the rest a good cleared road.	Good, from wells	Proximate	A deserted village.
		Bynd Bahr, or Bahr	12	7	260	7	Good cleared road, except at one mile near Meeta Khan in Dora, road from Coimbatore quite practicable for guns	Good from wells on the bed of the Bahr river, which requires clearing and are seen from, but no stream	None; grass and bushes abundant	A small village, on top of the hill of the Bahr river. To the west the bed of the Bahr has been hard, and several with grass
		Uthar	7	0	270	7	First part tolerably good, through dense jungle, latterly over heavy mud and mud hills; very difficult for guns	Abundant, from the banks of a salt lake or pond.	None	No village, at 5 m. S. of the bed of the Bahr river, 150 yards broad, full of deep mud. Uthar is one of the "decades" or later formed between sandhills, in the first, by the overflow of the Bahr through the Bahr, which occurs only at intervals of some four or five years. After some time, the stagnant water becomes salt, but by digging, at a few inches from the edge, fresh water is to be obtained.
		Dakra, or Dandi Kh.	10	0	280	7	A tolerable road	A fine sheet of water, on the left bank of the Bahr	None, but grass clear	No village, good area should be taken to keep the right bank here, as anywhere off it is described as very heavy and difficult
	Collector at Marwarra, Marwarra, Marwarra	Togga (Kor) (Korad)	12	2	300	2	Good over desert and sandhills, with much jungle	From the head of a pool in the bed of the Bahr.	None	No village. This place is merely a pool in the bed of the Bahr, and styled a "Lund," as distinguished from a "Lund," before described. Pass Togga, 30 km, about 2 m. from Dakra, with a fine piece of water near it several decades passed to the right in this stage.
		Karwarra	10	2	310	4	First part of the road heavy, and the rest a tolerable foot path	Ditto; abundant	None, but for age ahead	No village, a pool in the bed of the river, which was crossed in this stage, very broad, and filled with low sandhills. The road from Bynd Bahr to Karwarra is by Marwarra, Jalkar, and Doko, but was reported at the time to be desolate of water, it has on the opposite bank of the river
		Moraga Dhand	12	2	320	6	Road very heavy, crossing several dry branches of the Bahr	A sheet or lake	None	No village.
		Kakar in Korad	14	2	330	8	Road muddy and heavy, with much jungle	A pond of fresh water in the Bahr river	None	No village but some huts 1 m. to the W., and a village with shops about 6 m. off
		Marwarra or Marwarra	12	7	340	5	As above the last 4 m. very heavy	Abundant, from the Bahr river, good, from pools in the river	None	A respectable village of 40 houses, on top of 3 m. to the N., on the banks of the Bahr, which has fresh water in the pools from overflows of the Bahr. Pass two tolerable villages, Bora and Okorwarra, much jungle, but the country generally more open.
		Gogga	14	0	370	2	Road through a dense jungle, but the soil hard	Abundant, from the Bahr river, which is here a tolerable stream	None	A few huts on the Bahr river. Pass the village of Marwarra
		Tharwar or Tharwar	14	2	380	2	First part dense jungle, then across low hills to a cultivated plain	Abundant, from the Bahr river, coal and water	Abundant, from the Bahr river, shops	A large village in a cultivated place
Collector at Marwarra, Marwarra, Marwarra	Korwar	12	2			A good road over cultivated plain.	Abundant	Abundant	A large town on the left bank of the Bahr	
	Total El Marwarra			401	2					

TABLE No. 126.

## FROM DEESA TO TATTA, BY SOONHGAUM AND RAOMA-KA-BAZAR

GENERAL DIRECTION WEST

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Perchages.				
		Deesa to Soonhgaum.		87	7			File Table No. 118 (1)
		Dudhara	180	8				File Table No. 10 (1)
		Tatta	80	8				File Table No. 16 (1)
		Total		168	0			
		23 Marches						
The route by Yamnawar and Tunga River is as follows:—								
		Deesa to Soonhgaum.		87	7			File Table No. 118 (1)
		Yamnawar Tank near Farrukh.	31	0				File Table No. 10 (1)
		Wunga River	118	1				File Table No. 10 (2)
		Dudhara	120	0				File Table No. 16 (2)
		Tatta	80	8				File Table No. 16 (1)
		Total		331	6			
		23 Marches						

TABLE No. 127.

## FROM DEOLALIE TO MALLIGAUM, BY NABSIK AND CHANDORE.

GENERAL DIRECTION, S.E.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Perchages.				
General Officer Com manding Poona Division Poona	Officer at Mandla.	From the Quarter Guard at Deolalie to Mandla R.P.V.	7	0	Made road	Abundant	Abundant	A large town with excellent bungalow, Post and Telegraph offices; occupying ground near the bungalow we saw a large Dalga. At 8 to 8 1/2 Kodgum 160 houses, 10 shops. At 9 to 4 1/2 across the Wadga river, 80 yards wide but steep banks high. At 10 to 12 1/2 the village of Deolalie, 200 houses, 4 shops. At 4 to 1 1/2 the road to the Mandla road railway station branches off to the right. At 5 to 7 1/2 across the Khambha river (bridged).
		Chandore						
		Total		7	0			



Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.				
General Officer Commanding Forces Division, Pegu.	Civil.	Brought over	7	51				
		Thammar	12	1	Made road	Banganga river	4 shops	Large village, crossing NW At 5 1/2 f. cross the Banganga river, by ferry bridge to the road 70 yards wide At 8 m 0 1/2 f. At 11 paces 200 houses, shop, wells, and wells which were done. Numerous wells, and the Banganga river, bridged at the end of the stage.
		Pongpangmoo R.V.	7	0	ditto	River and wells	Abundant	Large village, with two large bungalows on every on the river bank At 4 m 1 1/2 f. pass Pongpangmoo 80 houses 3 shops on the Kachin river, which is crossed by ford. At 4 m 2 1/2 f. 180 yards wide, a ferry boat in the river, numerous wells.
		Wakkee	10	81	ditto	ditto	7 shops	120 houses crossing SW. Cross river, leaving Pongpangmoo and at 8 m 2 1/2 f. cross on other one, bridged At 8 m 2 1/2 f. Bawee, 180 houses, 1 shop, & Kachin river, bridged, numerous wells.
		Chander P.	9	7	ditto	Wells and Ganges river	Abundant	A small town and old hill fort. Collector's bungalow occupies near it. Pass Bawee and Mahan and at 8 m 0 1/2 f. cross river by bridge. Pass several villages and two other small rivers bridged and numerous wells.
		Bowditch	14	81	ditto	Wells	Moderate	180 houses and Collector's bungalow with occupying ground near it At 8 1/2 f. can house ahead of Chander's guest and at 1 m 8 f. reach the top. Pass several villages and at 10 m 4 1/2 f. Chander, 280 houses, 3 shops and wells. Numerous wells as before.
		Malligunna near BPT	18	81	ditto	Messum river	Abundant	Occupied with travellers' bungalow and Post and Telegraph office. The town of Malligunna is about 3 miles SW on the left bank of the Messum river At 6 m 10 m At 8 m old road by the first branches off to the left. At 18 m road from Messum goes on right. At 10 m 2 1/2 f. cross the Gura river (bridged) At 11 m 2 1/2 f. road to the town branches off to the right. At 11 m 7 1/2 f. travellers' bungalow.
		Total	75	31				
		7 Marches						

TABLE No 128

FROM DEOLALKE TO TRIMBUK, BY NASSIK.

GENERAL DIRECTION, NW

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.				
General Officer Commanding Forces Division, Pegu.	Civil.	From Deolalke to Mahan.	7	51				
		Mahan.	6	74				
			10	6				
		Carried over	18	6				

Vide Table No 127

35 houses and a Government occupying ground NW At 2 m 2 1/2 f. Bawee 200 houses, 7 shops. At 8 m 1 1/2 f. Pongpangmoo, 80 houses 3 shops. At 6 m 4 1/2 f. cross the Banganga river, 40 yards wide, had nearly Country open.

Authorised by		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Mysore Division, Mysore.	Collector at Mysore.	Brought over		18 3				
		Thimbak	8 0		Good road on left bank of drain over all the small water.	Abundant	Abundant	A large place 800 houses and a church, numerous temples on high hills. The left bank is 1100 ft. and about 2,000 feet above the village. The right bank is the level of the sea. Thimbak is a great place of pilgrimage to which many come at all times on both of the sacred rivers of the Godavari. Two "Jainas" held assembly in January and April or May and a great Jainas in October were very numerous. The country is good. At 2 to 11 f. hills about 40 houses, 1 shop. At 2 to 11 f. above the Thimbak river 112 yards wide. At 8 to 8 f. 100 houses, 2 shops. At 8 to 11 f. 100 houses, 1 well and a large tank. At 8 to 11 f. near the Godavari river 12 yards wide.
		Total		18 3				
		3 Miles.						

TABLE No 129  
FROM DHARWAR TO BELLARY.

GENERAL DIRECTION BY

Authorised by		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Mysore Division, Mysore.	Collector at Dharmwar.	Dharmwar Fort to Yelkote (Dharmwar)	8 3	8 3	Good road on left bank of drain over all the small water.	Well	18 shops	800 houses, and a fort, remains on the bank of a well, at 11 f. At 8 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops.
		Thimbak	15 7	11 3	Do.	Tank	Provisionable	Large village, numerous houses. Country all round cultivated. At 11 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops.
		Thimbak or Dharmwar	8 0	80 3	Good road	From a tank, small shops		800 houses, good high and good travellers. At 11 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops.
		Good hill	15 8	41 0	Do.	Well and a tank	18 shops	800 houses, a fort, and a collector's house, good high and good travellers. At 11 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops. At 8 to 8 f. 100 houses, 12 wells, 10 shops.
		Correct over		41 0				

Author det.		Season of Stage	Distance				Road and Soil	Water	Supplies	Remarks
			Stage	Total						
				Miles	Parangs	Miles				
Military	Civil									
General Officer Chen a military District	Collector at Maraw	Brought over Domest or Domestic	13	8	44	0	Made road	Good and clear Acid, from mule large tank, and well	13 steps	200 houses and 1 st. Collectors bungalow and Charwaik ground dry and open a side north west of the town also a st. At 3 m 1 / 2 pass Uluksa the open side is slightly 20 houses and one well At 5 m 5 / 10 houses or 10 houses 70 houses and mule At 8 m 1 / 2 f. 10 houses half in the march very numerous
		Wooden P	10	8	88	0	Road good in the wet then and red and black hills to the right	From wells, and mule		200 houses and Charwaik good dry and ground at about a mile and a half from the village also a mule well At 4 m 4 / 5 Maraw or Maraw 80 houses 20 st. and mule At 7 m 5 / 8 f. Maraw 200 houses 1 step a well and mule. Several mules in the march
		Kuliko and Ulu wanks	6	1	74	1	Good road and red black and sandy			25 and 200 houses respectively good ground for camping and river from red to black At 3 m pass Maraw, 80 houses and a tank At 4 m 5 / 8 f. Maraw Cross several mules in the march
		Hampaw or Hane passage	8	1	82	2	Ditto	Abundant from Thompson's river	Thompson's steps	200 houses on the north bank of the Thompson river which is crossed by boat in the morning, ground for morning a large three miles 8 m. The mule road is crossed close to Hampaw and a rocky hill on 1 step bank, and an excellent supply of water At 8 m 1 / 2 pass Maraw 80 houses a well and step At 5 m 5 / 8 f. 200 houses and a well The mules on the march are very numerous the banks of the river not very steep
General Officer Chen a military District	Collector at Maraw	Bellahany B	18	0	97	2	Ditto	Plentiful and good		Therrells bungalow ground 1 st and good near the river, one mile north of the river, At 1 m 5 / 8 pass Yangy At 4 m 5 / 8 Kruksapaw At 8 m 1 / 2 f. Doreally, a large village with good and abundant water at some distance morning ground good and river At 11 m 1 / 2 f. Ka racky At 13 m 4 / 5 f. Doreally
		Comptish B P	18	1	108	3	Ditto	From wells some cross across river 3 m dis- tant	Abundant	Therrells bungalow, and large town good ground on both sides of the town At 3 m pass Maraw at 3 m 1 / 2 f. Maraw at 6 m Doreally at 8 m Maraw
		Pelawachally	7	0	115	3	Good in the weather	Water from wells but scarce	None	Small village ground at 3 m 2 steps high and good but steep, also excellent ground in a cultivated valley close to and south of village and red black and sandy At 7 m 7 / 8 pass Maraw and at 6 m Doreally
		Thakawak B	8	3	123	6	Good in dry weather and up in some parts but improved near Courtney	Good		Therrells bungalow Pass at 3 m 1 / 2 f. Wells Maraw, and Doreally at 8 m 2 / 3
		Maraw B	11	5	137	2	From wells and a mule, tolerable tank at 1 m west but water insufficient			Therrells bungalow ground west of village high and good on black and sandy open and flat At 1 m 1 / 2 pass Maraw At 3 m Maraw at 5 m 4 / 5 f. Maraw At 7 m 4 / 5 f. mule at the bottom of a pass At 8 m reach the top of the pass
		Bellary B P	11	4			Made road	Abundant	Abundant	A military station, Therrells bungalow At 3 m pass Maraw At 7 m 5 / 8 f. Maraw
		Total 14 March				149	8			

TABLE No. 130

FROM DHARWAR TO GOA, BY HULLHAL, SOOPA, AND THE TINAI GHAT.

CENTRAL DIRECTOR, W

Authorities		Name of Stage	Distances				Road and Rail	Water	Surroundings	Remarks
			Stage	Total	Stage	Total				
Military	Civil		Stage	Total	Stage	Total				
			Stage	Total	Stage	Total				
General Officer Commanding Madras District, Bangalore	Collector of Channarayana District, Bangalore	From Dharwar to Hullhal	7 14	7 14			On level with the road and well	Water and well	Shop	200 houses, occupying ground 7 A 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		Hullhal	14 74	22 08			On level with the road and well	Water and well	Shop	A large village of 700 houses, mostly of the caste of the village. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		From Hullhal to Soopa	12 14	34 42			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		Soopa	11 0	45 42			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		From Soopa to Tinai	7 14	52 56			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		Tinai	14 44	67 0			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
Provincial Engineer	Collector of Channarayana District, Bangalore	From Tinai to Goa	7 14	74 14			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		Goa	8 8	82 22			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.
		From Goa to Goa	8 8	90 30			On level with the road and well	Water and well	Shop	On level with the road and well. The Dharwar river runs along the west side of the village. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road. At 1/2 m. 3/4 of the road, 20 houses, about 1/2 of the road.

Antecedence		Names of Stages	Distances				Road and Soil.	Water.	Supplies.	REMARKS.
			Single		Total					
			Miles.	Perchages.	Miles.	Perchages.				
Military	Civil									
POONCHURNI	Governor General of Goa.	Brought over			80	4				
		Cross river to St. George on the Island of Goa.	8	4	80	4	Pathless; much covered by hills and jungle	Abundant	Abundant	At 4 m. Mariche a large village. At 4 m. V. Mangrove At 6 m. Camisapalio
		Pass m. or New Goa P.T.	8	4			A good made road	Diffic	Diffic	At 8 m. town of Old Goa. Passes to the east of Government at Goa, and is situated half way between Old Goa and the sea.
		Total			168	8				
		11 Marches.								

TABLE No 131  
FROM DHARWAR TO GUJJUNDURGURH  
GENERAL DIRECTIONS, EN

Anticipation		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Perchages	Miles	Perchages				
General Officer Commanding Bangalore District, Bangalore	Collector at Dharwar	From Dharwar Fort to Hatties	8	3	8	3	Made road	Wells and wells	13 shops	300 houses Dharwar and first camping on the bank of a well. Pass Gornilappa at 8 m 8/ 80 houses and 3 wells and at 8 m 8/ Kargunappa. Cross 2 miles after Gornilappa
		Talpoor B	8	0	17	3	Diffic	4 tanks one of which never fills all the others dry from four to five months after the monsoon also a well	Supplies moderate shops	300 houses and several large temples, travel here Bangalore and Gornilappa, camping near a good tank near village
		Yogiraj P	7	0	24	3	Country well and black soil	Wells with water for six months and numerous wells	Abundant numerous shops	1,000 houses and two large temples. Poonchurni, camping ground good BH At 6 m 8/ Dharwar 150 houses wells and tank; very fine scene. Cross the Dharwar wells or hills at 6 m 4/ dry in the four months but deep muddy and difficult and frequently impassable for days in the monsoon. Water abundant
		Hombal	18	3	42	6	Diffic	From pits in a well tank along for six months.	Abundant shops	1000 houses At 4 m 8/ pass Kargun 100 houses water source At 7 m 8/ Kargun 80 houses water from pits in a well At 10 m 7/ Talpoor small place very fine scene at these villages
		Abigeon	16	2	58	8	Black soil, cult. rice and then jungle in parts.	Tank with water for six months	Moderate	200 houses At 8 m 7/ pass Hombal or Onilola 75 houses water from Hombal and in for six months and tank for five months also wells Supplies moderate At 7 m 8/ cross Hombal wells to Kargun or Kargun, 25 houses wells for four months and a tank; no supplies. At 9 m 8/ Kargun 40 houses wells and tank till Hombal very muddy supplies
		Ground over			60	4				

Authority	Civil	Name of Stage.	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
			Miles. Footage.	Miles. Footage.				
General Officer Commanding Bangalore District, Bangalore	Collector of Mysore	Brought over		53 4				
		Changanacherry	8 8	68 7	Black soil, cultivated with and then jungle in parts		Scanty	200 houses. At 8 m. 1/2 pass Jolice, 120 houses (black soil). Khar, walls, and scanty supplies. At 8 m. 6/4 Kharabale 100 houses, walls, and 2 wells, supplies scanty.
		Changanacherry Patta South Gate	8 8		Red black soil and scanty	Black soil and walls	Abundant	A large plain well, scattered palms and hill bet. good ground for the cultivation of a large area close to the west of the town. At 8 m. 3/4 pass Kappanur 72 houses, palms, and 2 wells; no supplies. Cross 8 miles to the stage.
		Total 7 Marches		71 5				
		A good river called Kottaradi all the way from Dharmwar to Changanacherry by Mysore and as follows:—						
		Dharmwar to Tadakpur		17 1				As above
		Mysore	18 8	35 4	Chowd. soil road, clay black soil	Abundant, from walled good wa- ter and 2 tanks which were dry; there are other wells and tanks but the former are brackish and the latter are dry	Abundant, from walled good wa- ter and 2 tanks on Wode- days.	200 houses, numerous temples, and crops; three channabale creek capable of carrying 40 persons a hill bet. Collector's bungalow, occupying ground NW, on a slope of trees. At 8 m. 1/4 pass Thimma, 72 yards broad, but sandy, leads way to fertile dry river. At 8 m. 1/2 pass Kottaradi 60 houses, 3 channabale, and occupies about 40 acres, with numerous temples and shrines. 1/2 slope 1 well, but water rather brackish, 2 tanks which dry in the hot we- ther; necessary N, in cultivated ground. At 2 m. further pass a good tank close to the road. At 11 m. 6/4 Whannabale 80 houses, temples, and shrines; a tank with water in it; a small stream a wall of brickwork water. Water is brought from Kottaradi 4 m. 2 1/2. At 14 1/2 pass Kottaradi wells, 40 yards wide tank, very fine tank in W.
		To Changanacherry	30 8					
		Total 7 Marches		78 14				

TABLE No 132. (1)

FROM DHARWAR TO HURBYHUR, BY BUNKAPOOR, AND BENOOR

CENTRAL DIVISION III.

Authority	Civil	Name of Stage.	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
			Miles. Footage.	Miles. Footage.				
General Officer Com- manding Mysore District, Bangalore	Collector of Mysore	Dharmwar Patta Gate to Benoor R.P.T.	13 7	13 7	Mud road, bridged	Plentiful	Abundant	A small town with travellers bungalows; Collector's bungalow and dharmwar, an occupying ground NW. At 3 m. 3/4 Benoor, 30 houses. At 5 m. Benoor 60 houses, At 7 m. 4/4 Amargale 100 houses and 2 wells. At 8 m. 6/4 Byre Dorecherry 160 houses and 2 wells. At 8 m. 6/4 Benoor, 180 houses and 4 wells.
		Grand total		13 7				

Authorities.		Names of Places.	Distances.		Road and Rail.	Water.	Supplies.	Remarks.
			Miles.	Postage.				
Military.	Civil.		Miles.	Postage.				
General Officer Commanding Nagpur District, Nagpur.		Etangli over.....	13	7				
		Thandhaga R.....	13	24	State road, bridged.	Wells	None	80 houses about 4 f. on left; (overland) bungalow, dharmshala, and 2 wells near the road; good occupying ground near. At 7 1/2 f. Katal, 80 houses. At 8 m. 3 f. Katsurawar, 80 houses. At 8 m. 4 f. Pillo, 80 houses. At 8 m. Koppal, 80 houses. At 8 m. 3 1/2 f. Wakra, 112 houses, 3 shops.
		Bangar P.....	18	6	Dist.	Abundant	Abundant, 164 shops; market on Wednesdays.	large village, 743 houses, 3 dharmshalas, Post office, and Collector's bungalow; occupying ground W. At 11 f. road to Kotsopla branches off to the right. At 3 m. 4 1/2 f. Jangher, 13 houses and 1 shop. At 4 m. 3 f. Thangar, 20 houses. At 5 m. 6 1/2 f. Hanganpur, 27 houses. At 10 m. 3 1/2 f. Chalgurda, 70 houses. At 13 m. 3 f. road to Ravator branches off to the left.
		Karamchakole.....	11	24	Dist.	Dist.	None	200 houses; good occupying ground near the dharmshala. At 3 m. 6 f. Karamchakole, 48 houses. At 8 m. 3 1/2 f. road to Bhakhar branches off to the right. At 6 m. 1 1/2 f. Bhakhar, a large place, 1,420 houses, 11 shops, and Post office. At 7 m. road to Karver branches off to the right.
		Kotwa Bazar R.....	18	14	Dist.	Wells and tanks	3 shops	420 houses, 3 dharmshalas, travellers' bungalow; occupying ground R. Over the Wards three acres after leaving Kotsopla (bridged). At 7 f. Kotsopla, 41 houses. At 7 m. 7 1/2 f. Barwar, 200 houses, market Post office and a small bldg. At 9 m. 1 1/2 f. Totula Telipora, 80 houses. At 11 m. 1/2 f. Nargol, 80 houses.
		Bansa Bazar P.....	18	4	Dist.	Abundant	Abundant	A large town and fort with Collector's bungalow, dharmshala, and Post office; occupying ground SW. near a mango tree. At 1 m. 1/2 f. top of hill. At 3 m. 3 1/2 f. Chavre, 20 houses. At 5 m. 3 1/2 f. Katal, 179 houses, 3 shops.
Majors Presidency Officer Commanding Mysore District, Bangalore.		Harrihar D. P.....	13	7	Dist.	Dist.	Dist.	A large place, and a military station of the Madras Presidency; travellers' bungalow and Post office. At 7 m. 3 f. Chalgurda, 211 houses. At 13 m. 3 f. Hapur, 6 houses. At 13 m. 3 1/2 f. Katsurawar, 24 houses; and across the Tungabhadra river (bridged).
		Total.....	—	—	—	—	—	—
		7 Marches.	—	—	—	—	—	—
The cleared road from Kotwa Bazar to Bansa Bazar is as follows:—								
Majors Bazar Bansa Bazar.		to	13	6	Cleared road with cuttings over all the small ridges.	Abundant	Abundant	At 3 m. 1/2 f. near Bridge, 284 houses, 20 shops; weekly market on Saturdays. At 5 m. 1/2 f. Katsurawar, 80 houses, 3 shops. At 8 m. 4 f. Anand, 137 houses, 3 shops. At 8 m. 7 f. Katsurawar, 241 houses, 3 shops.
			13	6				

TABLE No 132 (2)

FROM DEARWAR TO HURRYHUR, BY HOOBLEN, SAVANOOB, AND RANKEBHNOOR.

GENERAL DIRECTIONS, Etc

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage	Miles	Percentage		
General Officer Commanding Madras District, Madras	Collector of District	Dearwar Fort Hooblen B P T	13 7	13 7	A good road and bridge all road, through highly cultivated country, well chiefly red	Abundant, from banks and wells and a tank.	Abundant	See Table No 132 (1)
		Devarur	10 0	13 7	A good soil road and dry weather soil ge- nerally black, occa- sionally red	banks for night rests and 2 wells	3 shops	200 houses, country NW or SE. All f from Hooblen cross a mile 80 yards broad, but nearly all S f / over Kothamallavaram. 80 houses, tank for night rest, no sup- plies. At 4 m. 1 f / Utharavaram. 110 houses 6 temples 8 wells and a well for ox use. At 6 m. 1 f / Microdand. 80 houses, 4 temples, 3 wells, no sup- plies
		Kuppalam	8 4	22 1	Do	80 wells	8 shops	200 houses, 10 temples, and a Collector's bungalow 3 f to SW occupying ground NW. At 4 m. 6 f / Kothajal 100 houses a tank and well 4 temples, no good ground for occupation. At 7 m. 4 f / Kothajal, 100 houses 1 well and 1 shop.
		Marunoor (Narain and of Yona) P	13 4	43 5	A good narrow road with culverts over the small water	3 tanks and wells	Abundant	A small town of 1,000 houses, 8 temples, occupies 1 m. SW of the town on elevated ground near a large tank. At 8 m. 3 f pass Panagudi, 80 houses, 1 small tank, no supplies. At 7 m. 7 f / Kurudiyar 100 houses, 2 shops, 2 tanks 4 wells and wells. At 13 m. 2 f / Marunoor bridge
		Devarur	8 8	52 3	Road irregular and no even but not difficult in the weather	3 tanks and rivers country in the hot weather	3 shops	80 houses, 6 temples, and a Collector's boun- dary, occupying ground good, high, and open. In the hot weather it is difficult to occupy near the river bank of the village, on account of the water. At 8 m. 3 f pass Hooblen 80 houses, 1 tank for ox use, no supplies. At 6 m. 6 f / cross Wardha river, 115 yards broad, bed sandy, a badest boat in the river.
		Marunoor	13 2	65 5	Wide road, bad soil	Tank wells, and wells	3 shops, and provisionable from neigh- bouring vil- lages.	90 houses - 2 dharmashalas, two others large low, open occupying ground 125 At 8 m. 6 f pass Lakshmanpur At 8 m. Marunoor, 190 houses, branch Post office, and a small fort, with 3 tanks 80 wells, and a well and abundant supplies. At 6 m. 8 f / Tivoli Village, 80 houses. At 6 m. 2 f / Met village 80 houses
		Marunoor	13 4	78 9	Do	Do	Do	} See Table No 132 (1)
Madras Presidency	Hurryhur		13 7	92 6	Do	Do	Do	
		Total		92 6				
		8 Marches						



TABLE No. 133 (1)

## FROM DHABWAR TO KALUDGHER, BY NURGGOOND AND KHRROOR.

GENERAL DESCRIPTION, &amp;c.

Authorities.		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks.
Military	Civil		Stage		Total					
			Miles	Perchages	Miles	Perchages				
General Officer Commanding Delguana District, Delguana	Collector of Dhabwar	From Dhabwar Post to Hahulies	0	3	0	3	Wade road	Wells and wells	18 shops	800 houses, dharmshals, and fairs; encamp on the bank of a well. Pass Gourdshaps at 3 m. 3 f., 80 houses and 3 wells; and at 5 m. 3 f. Kaurshaps, cross 3 miles after Gourdshaps.
		Yatropur R.	0	6	0	9	Dats	4 tanks, one of which never fills all the others dry from four to five months after the monsoon, also a well.	Shops and fairs, 2 shops	200 houses, and several large temples, several large temples and dharmshals, encamp near a good tank near village.
		Nurggoond T.	1	6	1	9	Gravel road, and by black soil.	Abundant, from 600 yds. of good water and 3 tanks which were full, there are other wells and tanks, but the former are brackish, and the latter some dry	Abundant, from 600 shops, and houses on Wednesday days.	8,000 houses numerous temples and shrines, three dharmshals, each capable of containing 40 persons, and a hill fort. Officer's bungalow encamping ground NW. In a slope of front. At 6 m. 4 f. cross Yatropur wells 70 yards broad, but sandy, tanks dry; undrivable during floods. At 6 m. Alagpur, 200 houses, 2 dharmshals, each accommodating 40 men, with numerous temples and shrines, 5 shops, 1 well, but water rather brackish, 5 tanks which dry in the hot sun. Then, encamp N., in cultivated ground. At 2 m. further pass a good tank close to the road. At 11 m. 4 f. Wicconshaps, 80 houses, temples, and shrines, a tank with water in the cold months, a well of brackish water. Water is brought from Bessah's wells 4 m. SE. At 16 m. 1 f. pass Harsahale wells, 40 yards wide, tanks dry
	Kanote	1	8	1	9	Gravel road, and not all black, in parts sandy	Abundant from 700 wells, but rather brackish; also from Malpur's river	700 shops	800 houses, a small dharmshala, and a few temples, near the south bank of the Malpur's river, encamp on the bank, on a grove of mango trees. Gourdshaps at the opposite bank. At 3 m. 6 f. cross Watar wells, 100 yards broad, sandy soil, very brackish, dry in the middle of the hot season, when pits are dug in the bed. At 4 m. 4 f. Hatties, 80 houses, 3 shops numerous temples, a well and a tank, dry in the hot months, when water is supplied from Yatropur, 8 m. SE. At 9 m. 4 f. pass a small temple and a tank, where water is found until the middle of the hot season.	
	Collector of Kaludgher	Kaloor	1	1	1	2	As before; sandy from Malpore's river to Kaloor	Abundant from 1,500 wells, 24 of good water and 1 tank, a large tank, which is overgrown.	1,500 shops, and houses on Wednesday days.	1,000 houses and numerous temples, encamp near a large tank, on the left of the road. Leaving Kanote cross Malpur's river, 180 yards broad sandy bed with tank rather deep, north bank dry, a ferry boat capable of containing about 25 persons. At 7 f. Gourdshaps 80 houses, 4 temples 3 shops, water from river. At 3 m. 7 f. Kaurshaps, small village, a tank, dry about March and 1 good well. At 6 m. 2 f. Harsahale, 80 houses, shrines, and temples 1 shop, 2 wells, two good. At 8 m. 4 f. Hatties 80 houses, 3 wells, and a tank, which dries about March
Carried over					85	84				

Authority		Number of Stages	Distance		Road and Soil	Water	Vegetation	Remarks	
			Stages	Total					
Military	Civil		Miles	Packaging	Miles	Packaging			
General Officer Commanding Bangalore District, Bangalore.	Collector of Bangalore	Brought over	11	14	25	24			
		Examination			08	0			
		Kanigal to B. P.	9	0					
		Total			77	0			
		↑ Marol to							

General Officer Commanding Bangalore District, Bangalore.

Collector of Bangalore

Brought over

Examination

Kanigal to B. P.

Total

↑ Marol to

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This is only 10 miles longer than the country dirt road 1-4 Q at Hargreaves and Jangwar, and is the best cleared cart road.

TABLE No 133 (2)

FROM DHARWAD TO KALUDGHER, BY CHIK NURGOOND.

GENERAL DIRECTION, BY

Authority		Name of Stage	Distance		Road and Soil	Water	Supply	REMARKS.
Military	Civil		Stage	Total				
			Miles Footpath	Miles Footpath				
General Officer Commanding Malabar District Bangalore.	Collector at Bangalore.	Part of 18 survey Amambathra	5	3	1	1	1	200 houses, occupying on high steep ground on the slope of a hill 1st on road for a large road. At 4 p. para 116. However parts of Diarrhoea, with several along and with.
		Marath	7	8	11	0	Ditto	200 houses, mostly on high steep ground in fields to the N. in black soil on level ground.
	Collector at Bangalore.	Hamedani	8	4	23	4	Ditto	228 houses, occupying ground on a large plain of terrace ground N.E. of the village near the tank. At 4 p. 1/2 para 116. 180 houses, 1 steep water from N. At 4 p. 1/2 para 116. 200 houses, 5 at top tank, and 100
		Chel. Varganad	30	1	21	4	Ditto	200 houses, occupying ground in fields to the N., or on the beds of a hill on the east, steep and wooded soil and black. At 4 p. 1/2 para 116. 200 houses, 1 steep, and a tank, retaining water for 10 months
	Collector at Mangalore.	Ham pottolam	5	8	21	0	Ditto	180 houses, on the bank of the Malabar river, occupying on the north, near a well. At 4 p. 1/2 para 116. 180 houses, 1 well, and tank. At 4 p. 1/2 para 116. 200 houses, 4 wells, and a tank.
		Chel. Varganad	30	1	21	4	Ditto	200 houses, occupying ground in fields to the N., or on the beds of a hill on the east, steep and wooded soil and black. At 4 p. 1/2 para 116. 200 houses, 1 steep, and a tank, retaining water for 10 months
	Collector at Mangalore.	Ham pottolam	5	8	21	0	Ditto	180 houses, on the bank of the Malabar river, occupying on the north, near a well. At 4 p. 1/2 para 116. 180 houses, 1 well, and tank. At 4 p. 1/2 para 116. 200 houses, 4 wells, and a tank.
		Chel. Varganad	30	1	21	4	Ditto	200 houses, occupying ground in fields to the N., or on the beds of a hill on the east, steep and wooded soil and black. At 4 p. 1/2 para 116. 200 houses, 1 steep, and a tank, retaining water for 10 months
	Collector at Mangalore.	Ham pottolam	5	8	21	0	Ditto	180 houses, on the bank of the Malabar river, occupying on the north, near a well. At 4 p. 1/2 para 116. 180 houses, 1 well, and tank. At 4 p. 1/2 para 116. 200 houses, 4 wells, and a tank.
		Chel. Varganad	30	1	21	4	Ditto	200 houses, occupying ground in fields to the N., or on the beds of a hill on the east, steep and wooded soil and black. At 4 p. 1/2 para 116. 200 houses, 1 steep, and a tank, retaining water for 10 months

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.	Collector at Kaladghes.	Brought over...	...	43	0	Road stony, sandy, and bad, between hills for six miles, remainder good.	large well, near the village, and a small tank, 1 of a mile distant.	shop .....
		Jangwar .....	11	7	51			
		Kaladghes Cantonment.	11	5	...	Level country, and black soil; good cart-road in dry weather.	Abundant and good, from wells, and Gutpurba river.	Abundant ...
		Total .....	...	68	4			
		7 Marches.						200 houses, encamping ground a high open plain, of black soil, N.E. of village. At 2 f. from Himpobholes cross the Malpurba river, 100 yds. broad, bed gravelly, approaches only, knee-deep in December, a basket boat in the rains. At 4 f. pass Bencor, 25 houses, encamping ground on a level open plain. At 5 m. 3 f. Hoskars, 150 houses, 2 shops, 10 wells. At 4 m. 1 f. cross mulla, rather steep. At 4 m. 5 f. Kniddego, 100 houses. At 9 m. 3 f. Balesk-hindoo, 40 houses.

NOTE.—This road is practicable for carts, except during the rains. There is a general scarcity of water throughout, after March. The country is generally cultivated, with very few trees, and the villages poor.

TABLE No. 134.

## FROM DHARWAR TO KARWAR, BY HULLIHAI, YELLAPOOR, AND THE ARBYLE GHAUT.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.	Collector at Dharwar.	Dharwar to Nigdeo.	7	11	7	11		} Vide Table No. 130.
	Collector at Karwar.	Hullihal .....	14	71	23	01		
		Bhangwuttee .....	14	24	36	3		
		Yellapoor .....	15	5	53	0		
		Arbyle .....	11	51	63	51		} Vide Table No. 68. (1)
		Sonkamal .....	12	11	75	01		
		Akwoor .....	10	4	86	21		
		Hattoekalree .....	10	5	96	71		
		Karwar .....	14	51	...	...		
		Total .....	...	111	01			
		9 Marches.						

Authority.		Name of Stage.	Distance.		Road and Rail.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Partings.				
			Miles.	Partings.				

The route via Dharwar and Yelapur is as follows:—

General Officer Commanding Madras District, Madras.	Collector of Dharwar.	Dharwar to Kalyanpur	13	7	13	7	Clear road	Abundant	Abundant	700 houses, Dharwar, and Dharwar; occupying ground 100.
		Kalyanpur to Yelapur	10	0	10	0	Ditto	Ditto	Ditto	2000 houses, Dharwar, and Dharwar; occupying ground 100.
		Yelapur to Kalyanpur	10	0	10	0	Ditto	Ditto	Ditto	2000 houses, Dharwar, and Dharwar; occupying ground 100.
		To Kalyanpur as above	20	0	20	0				
		Total	23	7	23	7				

8 Kalyanpur.

TABLE No. 135. (1)

## FROM DHARWAR TO KOOMPTA, VIA MOONDGODE, SIRSEE, AND THE DAIVRE MUNNEN GHAT.

GENERAL DIRECTION, S.W.

Authority.		Name of Stage.	Distance.		Road and Rail.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Partings.				
			Miles.	Partings.				

General Officer Commanding Madras District, Madras.

Collector of Dharwar.	Collector of Dharwar.	Dharwar Fort to Dharwar, S.P.	13	7	13	7	Clear road, bridged	Abundant	Abundant	small town with travellers' bungalows; Dharwar's bungalow, and Dharwar; occupying ground 100. At 10 m. S. of Dharwar, 20 houses. At 15 m. S. of Dharwar, 20 houses. At 20 m. S. of Dharwar, 20 houses and 2 shops. At 25 m. S. of Dharwar, 20 houses and 2 shops. At 30 m. S. of Dharwar, 20 houses and 2 shops.
		Dharwar B.	10	0	10	0	A made road, the principal road bridged, country hilly, with cultivation in patches, open, and the hills between Moondgode and Dharwar.	20 wells, and 20 shops, mostly situated on the hills.	20 houses, and 20 shops, mostly situated on the hills.	A large place with travellers' bungalow; occupying ground 100. At 10 m. S. of Dharwar, 20 houses. At 15 m. S. of Dharwar, 20 houses. At 20 m. S. of Dharwar, 20 houses. At 25 m. S. of Dharwar, 20 houses and 2 shops. At 30 m. S. of Dharwar, 20 houses and 2 shops.
		Moondgode S.P.	12	0	12	0	Ditto	20 wells, and 20 shops.	20 houses, and 20 shops, mostly situated on the hills.	20 houses, and 20 shops, mostly situated on the hills.
		Yelapur S.P.	10	0	10	0	Ditto	20 wells, and 20 shops.	20 houses, and 20 shops, mostly situated on the hills.	20 houses, and 20 shops, mostly situated on the hills.
		Total	23	7	23	7				

Carried over

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.						
		Brought over .....	...	53	3			At 7 m. 4 f. Bendrasakopa (Hoera), 10 houses, and a well; encamping ground NW. At 8 m. 4 f. Kattoor, a large village of 80 houses, and chowree for travellers; 2 wells, a tank, and 1 shop; encamping ground SE. At 8 m. 7 f. Birgunhulle (Chik), 10 houses; and at 9 m. 3 f. Birgunhulle (Hoera), 15 houses, and a chowree; water from a tank and well. At 9 m. 6 f. cross nulla with water, and at 11 m. another; both bridged.		
		Yokumbo .....	11	6	04	1	A made road; the principal nullas bridged; country jungly, with cultivation in patches; open and flat; hilly between Moonsode and Tarrua.	Wells and tanks, tolerable.	Nemo .....	30 houses; encamp NE, about 1/2 f. on the right, in open ground. At 7 f. pass Kalkopa, 22 houses, a tank and well, but no supplies. At 4 m. 4 f. Malgo, 164 houses, and a dharumale; water tolerable and abundant, from 60 wells and a tank; encamp NE in open ground; a few shops, and a taxi on Thursday. At 6 m. 3 f. Jemooceeroo, 15 houses, and a chowree; no supplies. At 7 m. 4 1/2 f. cross a nulla with water, bridged. At 8 m. 1/2 f. Oodooceeroo, 13 houses. At 9 m. Oodilopa, 20 houses. At 10 m. road branches off to Sumnagoo. Patches of jungle on each side of the road.
		Sirree .....	8	3	73	4	Ditto .....	Tolerable, good and abundant, from several wells and 2 tanks.	160 shops; a-bundant supplies; market on Tuesdays.	350 houses; encamping ground W. and E., travellers' bungalow. At 2 m. 7 f. Maloor, 165 houses, and chowree for travellers; water good and abundant, from 50 wells and 2 tanks, 8 shops; encamping ground E. At 5 m. Goodullo, 13 houses; encamping ground SE, but very confined.
		Samkundoo .....	10	11	83	5	Ditto .....	Abundant, nulla.	from Nemo .....	10 houses, and a travellers' bungalow; encamping ground good, but confined. At 1 m. 2 f. road branches off to Belgoo. At 4 m. 1 f. Huanmante, 10 houses, 4 shops, a tank, and well; encamp NE. At 5 m. 4 f. Mullilloo, 10 houses, tank, and nulla. At 5 m. 5 1/2 f. cross a nulla, 20 yards broad, sandy bed, ascent and descent easy, eight months' water, impossible after rain for several hours; country jungly. At 7 m. 0 1/2 f. a nulla, 20 yards broad, with water all the year. At 8 m. 14 f. Ambinulleo nulla, bridged, with water all the year. At 8 m. 4 1/2 f. Ambinulleo, 8 houses, a choultry, and 4 shops; water from nulla. Road branches off here to Neelgoond ghant.
		Deiroo Munoo (top of the Ghant). D.	10	5	03	3	Made road; the principal nullas bridged; country jungly.	2 wells & 2 tanks.	3 shops. ...	10 houses, a choultry, and a travellers' bungalow; encamp SE, of village. At 1 m. 2 f. cross Mununkooce river, 110 yards broad, bed sandy and stony, water all the year. At 1 m. 4 1/2 f. Chikreemunee, 2 houses, and a shop. At 2 m. 5 1/2 f. Tallageeroo, 10 houses, 3 shops, 2 tanks, and nulla; encamp N. of village. At 3 m. 3 f. a bridged nulla, with water all the year. At 4 m. 4 f. Bunda, 40 houses, 2 wells, and 2 tanks; encamp SW. At 6 m. pass Tappal Chowree. At 8 m. 2 1/2 f. Bomhulleo river, 100 yards broad, sandy bed, water all the year. At 8 m. 7 1/2 f. Oodilly, 10 houses, 2 shops, water from nulla. At 9 m. 7 1/2 f. Kullehulleo river, by bridge, 50 yards broad, water all the year.
		Kalkul .....	8	0	101	2 1/2	Ditto .....	Well and nulla	Nemo .....	15 houses, a choultry and travellers' bungalow; encamping ground NE, and near the road. There is a good carriage road down the ghant, the maximum slope of which is 1 in 17. At 3 m. 0 1/2 f. pass the foot of the ghant. At 4 m. 3 f. cross Sont nulla, (bridged), with water all the year. At 5 m. 1 1/2 f. Herita, a few houses, nulla, and 0 shops. At 6 m. 2 1/2 f. at 7 m. 5 f., and at 7 m. 4 f. nullas; all bridged, with water all the year.
		Carried over.....	...	101	23					

Authorities		Extent of Survey	Distances		Road and Road	Water	Supplies	Remarks
Military	Civil		Single	Total				
			Miles	Perchages				
		Brought over		101 81				
		Koonpota (Bunder)	7 71		Made road, the prin-	Pondified, but re-	Abundant	Large town, travellers' bungalow; cesses
					a pal mules bridged	their brookish		NW and SW in plain. At 3 m 6 f Bala,
					country properly	from walls and		5 houses and built. At 4 m 1 f bridge
		Total		108 8				with water. At 5 m 5 f Durgam, 8
		10 Muzah						houses 3 shops, water from river; cesses
								big ground NW. At 6 m 4 f over Tala
								the river, 2 f broad water all the year
								cesses lands for cesses village of
								Nagala on the left bank, 20 houses and a
								shop. At 7 m 2 f back begins.
From Koonpota to Koonpota by Muzah and Choudhury is as follows:-								
To Koonpota as above								
		Amalcholia	8 41	73 4	Made road	Drain	4 shops	8 houses, and a shop. At 1 m 8 f and
				81 04				houses off to Bala. At 4 m 1 f Bala,
								cesses, 10 houses, 4 shops, a tank, and well;
								cesses NW. At 5 m 4 f Kallia, 10 houses
								and well. At 6 m 5 f over a path
								20 yards broad nearly level ground and
								and very slight water, impossible
								after rain for several hours; country properly
								At 7 m 0 f a well 20 yards broad with
								water all the year. At 8 m 11 f Amal-
								cholia again bridged with water all the
								year. The made road by the Durva Muz
								see Choudhury houses off to the right from
								Amalcholia
		Muzah	8 04	89 14	Ditto	Wells and trails	4 shops	24 houses and Choudhury, Police station;
								cesses ground NW. At 1 m 0 f 1 day
								poor 4 houses on left. At 2 m 11 f over
								the Riverbank river, 27 yards wide had
								steady. At 3 m 21 f Riverbank, 12 houses
								3 shops and a Choudhury. At 4 m 41 f
								reverse the river
		Shajal Travellers	15 41	104 6	Ditto	Ditto	None	Travellers' bungalow Choudhury cesses
		B						big ground enclosed. At 5 f cesses
								ground of the Muzah plant. At 7 m
								6 f end of ground and over Amalcholia river,
								104 yards wide. Height of the plant above
								the sea 100 f; maximum slope 1 inch
								in 17. At 8 m 14 f road from Bala river
								on left. At 11 m 6 f Kallia, 1 house,
								1 shop. At 12 m 7 f Bala, 3 houses
								At 13 m 1 f Choudhury, 3 houses. At
								14 m 6 f Shajal, 10 houses. At 15 m
								5 f Choudhury 3 houses. At 16 m 3 f
								Choudhury 3 houses. At 17 m 0 f
								Shajal (old) 4 houses 4 shops. Country
								hilly, with high jungle on both sides.
		Lacopia	18 8		Ditto	Abundant	Abundant	A large ancient town with travellers' host
		B F T						place Post and Telegraph office; cesses
								NW or SW in plain. At 2 m Choudhury
								At 6 m 4 f Choudhury. At 7 m 4 f Valla-
								gally
		Total		118 1				
		10 Muzah						

TABLE No 135 (2)

FROM DHARWAR TO KOOMPTA, VIA HULLIHAL, YELLAPOOR, AND THEN ARBYLE GHAUT  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances.				Road and Bul	Water	Supplies.	Remarks
Military	Civil		Stages		Total					
			Miles.	Furlongs	Miles.	Furlongs				
General Officer Commanding Bangalore District, Bangalore.	Collector at Dharwar	Dharwar Fort Gate to Nalgur	1 1/2		7 1/2					Plate Table No. 120.
		Hullihal	14 3/4		23 3/4					
		Mangavite	14 3/4		38 3/4					
	Collector at Kaveri	Yellapoor	18 5		56 5					Plate Table No. 69 (1)
		Arbyle	11 5/4		67 5/4					
		Shankal	18 1/4		75 5/4					
		Hullur	7 5		82 5/4					Plate Table No. 71
		Yaravagutta	10 3/4		92 3/4					
		Koompta	13 4		-					
		Total			108 3/4					
		8 Marches								

TABLE No 135 (3)

FROM DHARWAR TO KOOMPTA, BY HOOLNE, KULGUTGEE, AND YELLAPOOR.  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances				Road and Bul	Water	Supplies	Remarks
Military	Civil		Stages		Total					
			Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Mysore District, Bangalore	Collector at Dharwar	Dharwar to Koolne	18	7	18	7	Clear road Do	Abundant Do	Abundant Do	Plate Table No. 120 (1) 800 houses, dyer's and sherry on company ground NW 200 houses, 'traveler's' bungalow, Post office and Missionary's Infirmary, company ground NW
		Nalgur	16	5 1/4	34	4 1/4				
		Tellapoor	20	0	54	4 1/4				
	Collector at Kaveri	Arbyle	11	5 1/4	65	3	"	"	"	} Plate Table No. 69 (1)
		Shankal	18	1 1/4	73	3 1/4				
		Hullur	7	5	80	0 1/4				
		Yaravagutta	10	3 1/4	90	3	}	} Plate Table No. 71		
		Koompta	13	4						
			Total 8 Marches			108	7			

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.				
The shortest route from Dhurwar to Kulpigra is as follows:—								
General Officer Commanding Dalhousie District, Dalhousie.	Collector at Dhurwar.	Dhurwar to Hamalatter.	11 01	11 07	Good stone road	Abundant	— 8 steps	40 houses; occupying ground N of village. At 8 m. 4/7 pass Kumbay, 30 houses. At 9 m. 4/7 Thaneor and Jandray, 41 houses. At 10 m. 1/7 cross Bhabha mts, 50 feet broad, sandy bed; water all the year, on day's delay in crossing after rain.
		Kulpigra	2 31	13 8	Do	Abundant	— 25 steps	200 houses, dharmshala, and sherry; occupying ground S.W. of village. At 1 m. 3/7 cross mts, 50 feet broad, stony and sandy bed; water all the year. At 3 m. 5/7 Moolgah, 100 houses. At 5 m. 7/7 Thaneor small village. At 6 m. 7/7 Wotrasan, 120 houses; and at 8 m. 01/7 Torwata Rangoon, 114 houses, and sherry.
		Kumbay as above.	73 31					
		Total.	—	83 01				
		8 Miles.						

TABLE No. 136.

## FROM DHABWAR TO MOORDHESHWAR, BY HULLHAL, YALLAPOOB, SIRSHE, AND SIDDAPOOB.

GENERAL DISTRICT, S.W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.				
General Officer Commanding Dalhousie District, Dalhousie.	Collector at Dhurwar.	From Dhurwar to Hullhal .. .. .	7 11	7 11				} Vide Table No. 280.
		Hullhal .. .. .	14 31	21 01				
	Officer of Camps at Kumbay.	Kumbay .. .. .	14 31	35 32				} Vide Table No. 48. (1)
		Yallapoor .. .. .	16 8	51 40				
		Moordheshwar R. ..	11 8	62 48	Good road .. .. .	Thin and grail .. .. .	— 8 steps .. .. .	
		Carried over .. ..	—	68 8				





Authority		Kms of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Postage	Miles Postage				
1. See Engineer's road to the Gacaca Falls as follows:—								
General Officer Commanding Bagmati District, Bagmati	Collector of Chitwan, at Narver	To Dalgoo's store		111	4	Made road through open jungle		There is a bazar on each side of the Fall. At 2 p.m. S/S. Synow. Country very hot and jungle.
		Gacaca Falls	1	7				
		Total		117	11			

NOTE.—The following description of the Gairn's Falls is taken from the *Western United Book*, published in 1833.—

[illegible]

TABLE No. 137.

FROM DHAEWAR TO SHOLAPOOR DIRECT, BY BEEJAPOOR, AVOIDING  
KALUDGIH.

GENERAL DIRECTION OF FBI

Location.		Name of Village	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Miles	Total				
			Miles	Package				
General Officer Commanding Singapore Singapore, Singapore.	Officer of Militia.	Discrete Part in Singapore		85	0	Clear road		Vide Table No. 190 (1)
		Redcliffe	18	0		Clear, cut road; mixed soil	Waterways, grassy slope 5 miles	
				81	0			
		General over		81	0			

Authority		Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage					
Military	Civil		Miles	Furlongs				
Gen and Officer Commanding Bajapur District, Bajapur	Collector at Kalahandi	Brought over			81 0			Page Table No 80
		Shakti	0 3½		87 8½			
		Machin	18 0½		100 8½			
		Bajapur	16 8½		116 8½			
		Jagannath	18 4½		134 8			
		Shakti	6 8		140 8			
		Prithvi	6 3½		146 1½			
General Officer Commanding Purum District, Purum.	Collector at Bhatnagar	Talika	18 4½		167 8½			Page Table No 78 (1)
		Wardha	8 8½		175 5½			
		Sholapur	10 2					
		Total			178 0½			
		16 March.						

TABLE No 138

## FROM DHOLIA TO BROACH, BY KOOKURMOONDA AND SAGBARA.

GENERAL DIRECTOR, B.W.

Authorities.		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks.		
Military	Civil		Stage						Total	
			Miles.	Furlongs.						Miles.
General Officer Commanding Forest Division, Poonah	Collector at Dholak	Dholak to Kumbhar B P	11	4	11	4	Good made road bridged	Wells and tanks	Abundant	A large village good occupying ground hills. Irrigation bungalow and Government. A small party ground in the stage and the village of Dholak and Kumbhar. On made road to show branches off to the right at Kumbhar gate
		Gowda Bhatnagar to Chaudhary	10	0	21	4	Unmade road	River and wells	Plentiful	A large village
		Dholak to P	18	8	34	4	Ditto	Aravalli river	Plentiful	A large village At 8 m Bhatnagar At 8 m Kumbhar At 8 m Kumbhar At 8 m Vaid nagar
		Kumbhar P	18	0	46	4	Ditto	Wells	Ditto	A large village. Cross the Aravalli river soon after leaving Dholak At 8 m Dholak on left At 8 m Chaudhary
		Chaudhary B P	10	7	57	1	Ditto	Tanks wells and abundant	Plentiful on Tuesdays	19 (1) houses, 3 bungalows, 1 bungalow, a hotel and 1 post office occupying ground 1 W A large place formerly a large town, 3 m to the right At 8 m 4/2 Waid
		Chaudhary over			57	8				

Antennae		Means of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Feet				
General Officer Commanding Forces Division, Poona.		Brought over		57 8				
		Kachnawade	13 4	78 0	Country cart road, well developed black.		Abandoned; marked on maps	480 houses, chowrie and school; occupying ground W. At 2 = 13/ from bridge, W. side and across the Punganga river, 20 yards wide but sandy, banks low. At 1 = 13/ Dated, 8 lots. At 10 = 2/ Wells, 6 houses, surrounded by a wall and 13 feet high. At 12 = 21/ Kachnawade, 20 yards wide, but sandy, banks high, suitable from October to May, and a small boat-captain carrying 30 men during the rains.
		Kachnawade	10 14	88 14	Ditto	2 well	None	20 Head lots occupying ground S. At 1 = 14/ Pethra 25 lots, but even the Wairad river, 22 yards wide, but sandy, banks low. At 2 = 1/ across the Wairad river to Moha Peth, 12 lots; the river 22 yards wide, but sandy. At 4 = 4/ houses, 27 lots. At 5 = 21/ Taramba, 20 lots. At 6 = 1/ Near Amba, 25 lots. At 7 = 2/ Near Amba, 25 lots. At 8 = 2/ Near Amba, 25 lots. At 9 = 11/ across the Wairad river, 18 yards wide, but sandy. At 10 = 21/ road from Pethra just on right. Cross 11 other mounds in the stage.
		Regiment	14 01	94 7	Ditto	2 well	None	40 Head lots, 2 temples and a garden on occupying ground S. At 1 = 1/ houses 12 lots and across the Dhadra river, 12 yards wide, but sandy, banks low. At 2 = 13/ across the Punganga river, 22 yards wide. At 3 = 21/ Ghorade, 10 lots. At 10 = 21/ across the Ghorade-Lee-Khanda, 20 yards wide, but sandy. At 11 = 21/ road to Mandre branches off to the left. At 11 = 21/ across the Challa Amba-Lee-Khanda, 112 yards wide but sandy, banks high. Some delay and difficulty in crossing the river during the rains. Cross several mounds in the stage. Road to Mandre branches off to the left from Regiments.
General Officer Commanding Western Division, Ahmednagar.		Poland Agent in Kachnawade, at Kachnawade	13 21	107 14	Ditto	Kachnawade river	None	4 Head lots about 21/ on left on the west bank of the Kachnawade river, and a chowrie on the west bank, occupying ground near the chowrie. At 7/ across the Kachnawade river, 21 yards wide, but sandy. At 2 = 21/ across the Ghorade river, 21 yards wide, but sandy. At 3 = 21/ across the Challa Wairad river, 22 yards wide, but sandy and sandy. At 4 = 21/ Challa Wairad, 21 yards wide and a wall. At 6 = 1/ Moha-Lee-Khanda 20 yards wide. At 8 = 21/ Amba, Wairad 25 lots.
		Chowrie	14 1	121 21	Ditto	Kachnawade and Moha-Lee-Khanda rivers	None	4 lots and chowrie belonging to the Raj of Rajwade, at the junction of the Kachnawade and Moha-Lee-Khanda rivers, occupying ground W. At 2 = 21/ across the Kachnawade river 2 yards wide. At 10 = 01/ across the Kachnawade river. Crossed other mounds in this stage.
		Pethra	13 1	134 21	Ditto	Dhadra river	None	20 Head lots and a chowrie, occupying ground S. At 2 = 1/ Moha-Khanda, 10 lots. At 2 = 21/ houses, 16 lots. At 3 = 21/ Kachnawade, 18 lots. At 4 = 21/ across the Kachnawade river, 20 yards wide, but sandy and sandy. At 11 = 21/ houses, 20 lots. The road from Kachnawade goes on right. Cross 14 mounds in this stage. Country covered with thick jungle.
		Cached over		134 21				



TABLE No 140

## FROM DHOOLJA TO CHOPEA, BY AMULNEIB.

GENERAL DIRECTION, NE

Authorities		Name of Stage.	Distance.		Road and Soil	Water	Supplies	Remarks.		
			Stage.	Total						
Military	Civil		Miles	Perchages	Miles	Perchages				
General Officer Commanding Frontier Division, Poona.	Collector at Dhoolja.	From Dhoolja to Chopra	10	0	10	0	Clear road	Wells	Yes	A small village. At 5 m 1/2 Wadhwa. At 8 m 1/2 Amroli. At 12 m 7/8 small large wells.
		Amulneib	11	4	21	4	Ditto	Abundant, river	None	A small town with Post office on the River. At 1 m 8/8 Dargpur. At 4 m 1/2 Amroli. At 8 m 2/3 Mangrol.
		Talamba	10	0	31	4	Ditto	Wells and wells	Limited	A large village. At 8 m Dargpur. At 15 m Dhoolja and across a well. At 8 m 8/8 Dhoolja and across a large well to Talamba.
		Chopra	13	0			Ditto	Wells	Abundant	A small town, 2,000 houses and much Post office. At 1 m 8/8 Talamba and across the Talamba river to Mangrol. At 8 m Akot.
		Total			41	4				
		4 Marches								

TABLE No 141.

## FROM DHOOLJA TO MALLIGAUM.

GENERAL DIRECTION, SW

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Perchages	Miles	Perchages				
General Officer Commanding Frontier Division, Poona.	Collector at Dhoolja.	From Dhoolja to Amroli	13	3	13	3	Clear road, hilly	Wells and wells	Moderate	Small town with (small) bungalow on Government grounds, the two small, across W. At 8 m 8/8 and from the town of Dhoolja, along on left. At 7 m 1/2 Amroli, and then over the hill (small), easy.
		Amroli	8	4	21	7	Ditto	Wells and wells	Abundant	A large market village with dhoolja, across ground W. The road from Amroli goes for 2 miles on the left.
		Malligaum	14	0			Ditto	Abundant	Abundant	A town and settlement with (small) bungalow. Post and Telegraph office. At 4 m 1/2 Dhoolja. A small village with dhoolja bungalow, across ground W of Dhoolja. At 8 m 2/3 Dhoolja (the Dhoolja) and to Dhoolja. At 13 m 4/8 across the Dhoolja river, (small). The town of Malligaum is on the right bank of the river.
		Total			27	7				
		3 Marches								

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REVISED TABLE No. 112.

FROM DHOOLIA TO MEHOW, BY THE SINDWA GHAUT AND KEUL.

GENERAL DIRECTION, NW. BY N

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		5	5				

TABLE No 140

## FROM DHOOLIA TO CHOPRA, BY AMULNEIR.

GENERAL DIRECTION, &amp;c

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Perchages					Miles	Perchages
General Officer Commanding Force		From Dhoolia to Chopra	16	0	16	0	Cleared road	Wells	None	A small village At 8 m 1/2 from Dhoolia At 8 m 1/2 from Chopra At 8 m 1/2 from Amulneir
		Amulneir	11	4	27	4	Ditto	Abundant river	None	A small town with Post office on the river At 1 m 8/10 from Amulneir At 1 m 8/10 from Chopra

REVISED TABLE No. 141

## FROM DHOOLIA TO MALSBAUM

GENERAL DIRECTION &amp;c

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stages		Total					
Military	Civil		Miles	Perches	Miles	Perches				
General Officer Commanding Force Division	Collector at Dhoolia	From Dhoolia to Amulneir	12	11	12	11	Wells and ponds country open to cultivation	Wells and ponds	Wells and ponds	250 houses with 1000 sheep At 8 m 1/2 from Dhoolia At 8 m 1/2 from Amulneir At 8 m 1/2 from Chopra At 8 m 1/2 from Malsbaum At 8 m 1/2 from Dhoolia At 8 m 1/2 from Amulneir At 8 m 1/2 from Chopra At 8 m 1/2 from Malsbaum
		Chopra	0	41	0	41	Ditto	Wells	Abundant	250 houses with 1000 sheep At 8 m 1/2 from Dhoolia At 8 m 1/2 from Amulneir At 8 m 1/2 from Chopra At 8 m 1/2 from Malsbaum
	Collector at Malsbaum	Malsbaum Ghat	12	21	12	21	Ditto	Abundant	Abundant	A town and cantonment with 1000 houses At 8 m 1/2 from Dhoolia At 8 m 1/2 from Amulneir At 8 m 1/2 from Chopra At 8 m 1/2 from Malsbaum
		Total								
			3 Stages							



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REVISED TABLE No 112

FROM DHOOOLA TO MUHOW, BY THE SINDWA GHAT AND KHUL

GENERAL DIRECTION N.E. or S.

Section No.	Names of Stages.	Distance				Road and Soil	Water	Supplies	Remarks
		Miles	Total						
			From	To	From				
Station	Camp								
General Office Commercial & Towns, District, Poonch.	Camp near 4 D. 10 miles.	Dhoooola	12	41	12	12	Wells and 1 well through the mountain	Wells and 1 well	1 large village with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Nalpur	5	46	21	1	Wells and 1 well country dhoooola	Wells	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Shivalik	7	53	28	0	Wells and 1 well country dhoooola	Wells and 1 well	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Dhoooola	7	60	35	1	Ditto	Wells and 1 well	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Dhoooola	7	67	42	1	Wells and 1 well country dhoooola	Wells and 1 well	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
General Office Commercial & Towns, District, Poonch.	Camp near 4 D. 10 miles.	Dhoooola	12	41	12	12	Wells and 1 well through the mountain	Wells and 1 well	1 large village with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Nalpur	5	46	21	1	Wells and 1 well country dhoooola	Wells and 1 well	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
General Office Commercial & Towns, District, Poonch.	Camp near 4 D. 10 miles.	Dhoooola	12	41	12	12	Wells and 1 well through the mountain	Wells and 1 well	1 large village with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Nalpur	5	46	21	1	Wells and 1 well country dhoooola	Wells and 1 well	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
General Office Commercial & Towns, District, Poonch.	Camp near 4 D. 10 miles.	Dhoooola	12	41	12	12	Wells and 1 well through the mountain	Wells and 1 well	1 large village with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch
		Nalpur	5	46	21	1	Wells and 1 well country dhoooola	Wells and 1 well	100 houses with travellers bungalow, 10 wells and 12 dhoooola good enough for 1000 N. of travellers bungalow At 1 1/2 miles Poonch river near Dhooola (to K. D.) At 1 1/2 D. 10 miles with travellers bungalow and 10 dhoooola ground At 4 1/2 f. Poonch to Poonch At 9 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch At 11 1/2 f. Poonch to Poonch

**Technical Officers Commanding Elbow Division, Navy**

Authority		Name of Stage	Distance		Road and Soil	Water	Vegetation	Remarks
Military	Civil		Miles	Furlongs				
		Brought over			78	4		
		Karantia	14	37	30		Made road bridged country 1 day with thick jungle.	3 wells and wells. Scarce
		Kind (Kach)	11	4	108	4	Made road bridged country partly cultivated and partly jungle.	From river Mar. Scarce but considerable from 2 or 3 hours (Kach)
		Gajra	18	32	127	7	Made road bridged on dry spot and cultivated.	Behind river and wells. Abundant
		Karantia	18	3	180	7	Made road bridged country 1 day with jungle.	Wells and wells. Ditto
		Mow Gumbaz	18	4			Made road, country open.	Abundant. Ditto
		Total			148	4		
		13 March						



A. Supplies.		Distances.		Bread and Fuel.	Water.	Supplies.	Remarks.
Military.	Civil.	Kilometres of Stages.					
		Miles.	Package.	Miles.	Package.		
General Officer Commanding Mysore District, Mysore.		Brought over		104	01		
Agent to the Government General for Mysore.		Gopura B	13	84	118	05	
		Messager B	79	8	155	05	
		Messager B P P	78	8			
		Total			146	05	
		13 Marches					
The old road by Mysore is as follows -							
Collector at Mysore.		To Mysore		11	0		
		Mysore B	13	4	23	4	
		Palemar B	18	47	80	01	
		To Mysore as above	86	14			
		Total			146	24	
		11 Marches					
General Officer Commanding Mysore District, Mysore.		Brought over		104	01		
Agent to the Government General for Mysore.		Gopura B	13	84	118	05	
		Messager B	79	8	155	05	
		Messager B P P	78	8			
		Total			146	05	
		13 Marches					

TABLE No 149  
FROM DHOOlia TO MBYJIN, BY PAROLA.  
GENERAL DIRECTIONS, E & S

Location		Name of Station	Distances			Road and No. 1	Water	Supplies	Remarks
			Stage	Total					
Military	Civil		Miles	Package	Miles				
General Office Quarters Nashville Tenn.	Civilian to Nashville	From Nashville to	21	11	11	11	11	11	11
		Continued over			11	11			

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stages		Total					
Military	Civil		Miles	Parangs	Miles	Parangs				
General Officer Commanding Forces Division Poona.	Collector at Mandla.	Brought over			11	11				
		Pirah P	12	24	23	41	A cleared city weathered and road rough and usually black and very heavy after rain	Almudra, wells.	From Almudra, weekly to me on Sun. days.	A small town with a well built stone fort with bastions and ditch, surrounding ground N At 9 m 1/2 / Subgarh, 6 houses. At 8 m 21/2 / Dairi 10 houses. At 5 m 21/2 / M. dala 80 houses, 1 shop. At 4 m 8/ / ka. rages 8 houses. At 3 m 41/2 / cross the Dera river to Vakhra, 40 houses 3 shops and Almudra, river 180 yards wide had muddy delay of a few hours after heavy rain
		Danda	12	6	20	21	Cottier cut road	Bank and wells	8 shops	200 houses, surrounding ground NE At 1 m 21/2 / Almudra 60 houses, 8 shops and road from Mandla, pass on right. At 1 m 21/2 / Nagari 40 houses, 1 shop. At 8 m 21/2 / Bahadri 8 houses. At 7 m 61/2 / Lanes 8 houses. At 6 m 21/2 / Farkha 200 houses, 8 shops. At 10 m 1/2 / cross the Arjuna river 84 yards wide had muddy banks every At 11 m 21/2 / a stockin. Cross 3 miles in this stage
		Khyas P	7	8			Ditto	Grass river, wells	small shop	200 houses, surrounding ground W At 8 m 21/2 / Jorhara 50 houses, 1 shop. At 8 m 7/2 / Muzara 8 houses. At 5 m 5/2 / Kira gata 20 houses 2 shops. At 7 m 21/2 / Khamakhara 40 houses and cross the Guna river 280 yards wide had muddy banks every Cross 3 large talies in this stage. A great fair held at Khyas annually in January
		Total			44	61				
		4 March								

TABLE No 144

## FROM GOGO TO DWARKA, BY GOUNDUL AND BHANWAR

GENERAL DIRECTION, NEW

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stages		Total					
			Miles	Parangs	Miles	Parangs				
General Officer Commanding the Southern Division, Almudra	Collector at Almudra	Stages to					Road made	Almudra and river	40 shops	400 houses and Collector's bungalow on the Mandla river with a running stream to the N and W; surrounding ground high and good west of the bungalow At 4 m 11/2 / near Mandla, 80 houses. At 7 m 21/2 / Farkha 20 houses. At 8 m 21/2 / Mohal, 100 houses. At 12 m 21/2 / Mandla 200 houses.
	Political Agent at Nagaria	Wardha P	12	72	12	72				
		Current river			12	72				

Administration		Manner of Progress	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Postmiles				
General Officer Commanding Madras Division, Alwarpet.	Collector of Alwarpet.	Brought over		18 7 1/2				
		Kharas B	15 7	81 0 1/2	Cart-road, soil black	From river, and Kharas well	Moderate, about 15 shops	Large village on the Kharas river, a good stream all the year; travellers' bungalow and good occupying ground N.W. of the village on the river. At 3 m S of Kharas, 80 houses, and a few shops. A broad shallow stream between Kharas and Kharas. At 4 m N. of Kharas, 60 houses. At 5 m S of Kharas, 100 houses. At 8 m S of Kharas, 100 houses, good occupying ground; water and supplies. From also Kharas, Kharas, Kharas, and Kharas, all small villages. Country in Kharas richly cultivated, with a range of hills a few miles off, these a grassy plain.
	Political Agent in Kharas at Kharas.	Kharas, or Kharas	18 2 1/2	48 1 1/2	Good road	From well and a small tank.	Plentiful, about a dozen shops	Moderate village with low and rugged occupying ground. At 3 m S of Kharas, 400 houses, water and shallow bed, very heavy soil; and across at three-quarters of a mile further on, Pagaras, 200 houses, on the bank. At 7 m N. of Kharas, on the Kharas, 100 houses. At 11 m S of Kharas, 100 houses. Country in open grassy plain, with water near the surface, and small cultivation near villages.
		Kharas B	8 1 1/2	88 1 1/2	Very good road	From well and river	Plentiful	100 houses, a travellers' bungalow, and good but very occupying ground on the bank of the stream. At 1 m S of Kharas, 80 houses; and at 3 m S of Kharas, 200 houses, and a few shops. Country in open plain.
		Kharas K	14 2 1/2	80 1 1/2	Difficult	Small well, and a shallow stream in December water near the surface	200 shops	200 houses, surrounded by a small well good but very occupying ground, and a small hill bungalow. At 4 m S of Kharas, 100 houses, a Kharas village, with 15 houses, and a few shops. At 10 m S of Kharas, 80 houses. Country open, with cultivation near villages. Great few narrow streams on the stage.
		Kharas	12 8	88 1 1/2	Very good	From well and a small stream near the village.	Plentiful	Considerable village, surrounded, occupying ground good.
		Kharas	12 0	88 1 1/2	Very good but water scented by wells and dry beds of streams	From Kharas river	Moderate	Small village belonging to the Kharas occupying ground good high, and open.
		Kharas B.P.	12 0	104 1 1/2		Good river well	Abundant all kinds	Good is a well built town within the fort, which is very strong, walls about 80 feet high. It is in the middle of the bank of Kharas. The country is richly cultivated, occupying ground high, dense, and good.
		Kharas	18 0	114 1 1/2	Good road, but good water a river several times	From a river	Supplies from Kharas	A small village occupying ground good
		Kharas	12 0	128 1 1/2	Good good; water a river several times, and several tanks	From a river	Plentiful	A town surrounded by a very strong wall of masonry 80 feet high on the N.E. side, with bastions towers and bastions; it is surrounded on three sides by low hills which overlook it. Large gardens close to the town; the river runs past it, occupying ground good and very.
Kharas or Kharas	18 0	144 1 1/2	Good good water a river three times	Difficult	Can be obtained on the river	A small village, occupying ground high and good.		
	Carried over		188 1 1/2					

Authorities.		Manner of Survey.	Distance.		Road and Soil.	Water.	Vegetation.	Remarks.
Primary.	Civil.		Stage.	Total.				
			Miles.	Feet and In.				
		Brought over		130 11				
		Therese	12 0	150 11	Small grove, some a few trees (live oak)	None	Soft soil, all kinds	A small village with a detached square building, occupying ground about, clear, and good.
		Jacqueline	14 0	164 11	Small grove	None	Plentiful and cherry, large for berries on little good	Therapeutic ground good and open. There are about 200 houses in the village, which is situated, but has the usual fortified square inside it. (Looking for records good.)
		Sharon	13 0	170 11	None	None	Plentiful	Therapeutic ground open, high, and good. A small town; the wall round it is an oval but square and strong with bastions and flanking towers. The wall is about 21 feet high, and built of stone and of masonry. There is an all inner fort out of repair. The gateways are strong and good. The flanking hill is 40 feet and on the N. side.
		Green	6 0	140 11	None	None with	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	12 0	184 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	10 0	204 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	9 0	210 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	11 0	220 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	12 0	230 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	13 0	240 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	14 0	250 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	15 0	260 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	16 0	270 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	17 0	280 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	18 0	290 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	19 0	300 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	20 0	310 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	21 0	320 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	22 0	330 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	23 0	340 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	24 0	350 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	25 0	360 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	26 0	370 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	27 0	380 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	28 0	390 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	29 0	400 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	30 0	410 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	31 0	420 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	32 0	430 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	33 0	440 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	34 0	450 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	35 0	460 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	36 0	470 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	37 0	480 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	38 0	490 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	39 0	500 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	40 0	510 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair in the center of village.
		Sharon	41 0	520 11	None	None	Very few and large well	Therapeutic ground good, close to village, a small fort out of repair

TABLE No. 145.

## FROM GOGO TO MANIKWARA, BY PALENTANA.

GENERAL DIRECTION, W. &amp; E.

Authority.	Name of Stage.	Distance.		Road and Rail.	Water.	Supplies.	Remarks.
		Stage.	Feet.				
Military.	Civil.	Miles.	Perchages.	Miles.	Perchages.		
General Officer Commanding Northern Division, Allahabad Fort.	Collector of Allahabad.	Gogo District House to Palentana	18 1	28 2	Made road for 24 m. - 1 wall, 1 tank.	18 shops	120 houses. This road leads through the town of Gogo on the N. B. R. (Gogo's Gate), for 1/2 m. a tank and a wall at 1 m. 4/5; over a wall at 2 m. 3/5, and Kumbhara river at 3 m. 7/5; also several other wells. At 4 m. 1/5, 20 houses, and a tank, the water of which lasts for four months. At 7 m. 1/5, Pargana, 40 houses, 3 shops, 1 well, and a tank, water for two months. At 8 m. 2/5, Bhadai, 100 houses, 4 shops, and a wall. At 9 m. 7/5, near Palentana river, 70 yards broad. At 10 m. 1/5, Lakshmi, 15 houses, water always available from river, no supplies. At 10 m. 4/5, cross Ambikapur river, 30 yards broad, very little, muddy bed. At 11 m. 3/5, a wall, and at 12 m. 4/5, a wall. Country cultivated all the way.
		Same	18 0	26 1	Useable cart road, over rough and stony country.	Abandoned, one wall.	200 shops
	Palestana P.	Same	20 6/5	26 7/5	Only	Several wells	Abandoned
		Same	18 8	25 4/5	Carted road	1 wall	20 shops
Political Agent in Kullu, at Baghela.	Same	Same	14 3	25 5/5	Carted road, over level country, with black soil, much for turreted hyacinths	Water from river.	200 houses. At 1 1/2 m. over a small dry well, and another with a wall to be had at 2 m. 3/5. At 2 m. 4/5, near Vikhra, 90 houses, 2 shops, a wall, and tank; water for three months. At 3 m. 3/5, over a small well;
		Carted over	25 5/5	25 5/5			



Authorities.		Names of Stages	Distances.				Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Stages		Total						
			Miles	Percentage	Miles	Percentage					
General Officer Commanding Mysore Division, Bangalore		Political Agent at Mangalore at Rajahmundry	Brought over			85	04				a well at 4 m 2/ and another small well at 6 m 1/ At 8 m 4/ Yelavacher, 300 houses, 2 wells, 4 shops. At 8 m 6/ across stream and pass a range of hills on both sides of the road at 8 m At 10 m Kumbhak, 500 houses, 6 shops and 3 wells. At 11 m across Channarayana river, 80 yards broad. At 12 m 8/ Kumbhak, 114 houses, water always, from 21 shops across; no supplies. Cross the river, 110 yards broad, enter the end of the stage. Country as before.
			Geranoli	12	3	79	02	Good, dirt road, gravel well level country with black soil, much intersected by streams.		8 shops	25 houses. At 8/ across a well, and another at 1 m 8/ At 8 m 2/ Bunka, 160 houses a well of brackish water, but no supplies. At 8 m 5/ Jara, 640 houses, 3 shops. At 8 m 1/ across Bunka river, and a well at 8 m 6/ At 11 m 4/ Charkha, 897 houses, 8 shops, brackish water from pit in the bed of a well. Country as before.
			Bannabidole	7	0	86	01	Ditto	Waterways from Bannabidole river	10 shops	280 houses. At 4/ across a small dry well. At 8 m 4/ Dharwad, 127 houses, 4 wells of brackish water, no supplies. Country well watered as before.
			Bannabidole	8	0	94	01	Ditto	Water always from the Bannabidole river	Abundant	A town of 800 houses, on the Bunka river. Cross the Bannabidole river at Bannabidole, 100 yards wide. At 8 m 2/ pass Chikana, 280 houses. Cross a well at 8 m 2/ at 8 m 8/ at 4 m 7/ and at 5 m At 8 m 8/ Bannabidole, 280 houses, 3 shops; water from Bunka. At 6 m 7/ 9 m, and 6 m 8/ across a well, and Bunka river at 8 m 1/ Country as before.
			Mandavara Camp B P	7	0			Modern road	Fulpoona well with water all ways	2000	General's encampment of horse stationed here. Travellers bungalow and Post office. At 4 m 1/ across a small well, with water always, to Mandavara. 100 houses, 3 shops, water from well and the well. At 7 m 2/ the village of Mandavara, water always, from the Fulpoona well. Country as before.
			Total			102	04				
		9 Months									

TABLE No 146.

FROM HURSOLE TO PUTTUN, BY BERSULNUGGUR.

GENERAL DIRECTOR, NW

Authorities.		Names of Stages	Distances		Road and Soil.	Water	Supplies	REMARKS.
			Stages	Total.				
Military	Civil		Miles	Percentage				
General Officer Commanding Mysore Division, Bangalore	Resident at Bangalore	Hursale to Bannabidole	11	0	11	0	} See Table No 130	
		Bannabidole	12	7	23	7		
		Bannabidole	12	6	35	6		
		Conje	13	8	48	8		
					61	0		
					74	0		

[illegible]

TABLE No. 147.

FROM HYDRABAD TO AHMED KHAN THANA, BY BHOOLA KHAN THANA.

## GENERAL INSTRUCTIONS

[illegible]

Authorities		Report of Stages.	Distances				Road and Soil	Water	Supplies	Remarks
			Stages	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Madras District, Karaikal	Collector at Karaikal	Brought over			21	26	Cleared road	Good from end river	at 300 steps	225 houses, Post office, Charumala, dispensary, and a Police station, good occupying ground NW of Charumala. At 6 1/2 f. across the River river which is here 6 1/2 yards wide. At 8 m. 5 f. a mile, 60 yards wide. At 8 m. 4 1/2 f. across the Charumala river, 225 yards wide, bed sandy.
		Blacka Khas Thana P	8	0	10	12				
		Alamed Khas Thana	4	0			Ditto	Ditto	Heavy 7 steps	45 houses, occupying ground good and open. At 3 1/2 f. across a branch of the River river 80 yards wide. At 6 1/2 f. across another branch 100 yards wide. At 1 m. 4 1/2 f. across the road from Karaikal to Belva. At 3 m. 4 1/2 f. a narrow pass of 60 yards.
		Total			25	38				
		8 Karakas.								

TABLE No 148

## FROM HYDRABAD TO BHINYLA

GENERAL DIRECTOR, NW at 8

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Madras District, Karaikal	Collector at Hyderabad.	Hyderabad Fort Gate to Mirbani	9	0	9	0	Good cleared road	Two intake wells, and the river is due about 1/2 m. distant	30 steps, and supplies from Madras. Kar year or there	Small village occupying ground N of cultivation round about. At 1 m. 8 f. road to Tondra Goolan. House branches off to the right. At 2 m. 7 f. Moorad Palar, and the road from Goolan. Tondra joins on right.
		Khojkar	12	0	21	11	Cleared and good, story in one place, waste 6 small wells	Dark, always supplied.	8 steps	Moderate village occupying ground N of it. At 2 m. Agre Paar. At 8 m. 5 f. Malamad Mohan on the left bank of the Indus. At 8 m. 4 f. Baysagar, 80 houses, 5 steps, and Charumala. At 7 m. 8 f. Minchana. At 8 m. across the Meer Wah. At 9 m. 6 f. across the Sing Wah. At 10 m. 4 f. road from Baysagar joins on left. At 10 m. 8 f. Maala Kattiyar, a large place with bungalow. At 11 m. road to Dandee branches off on the left and crosses the Malook Wah. At 12 m. across the Dandee Ali Wah and the Khojkar Wah at the end of the stage. Cultivation around villages.
		Phano	14	7	27	0	Cleared, through local jungle and soil, across 16 miles, some of them bridged	Water from springs on the Panyarvo	30 steps	Village near the Indus bank. occupy 2, in a clear open place. Five stages of unsuitable before November, being a mile across. At 4 m. 4 f. Charumala at the junction of the road from the Jheral. Acry the town of Jheral, about 1 1/2 m. W on the right bank of the Indus. At 8 m. across the Ali Boker Wah. At 6 m. 6 f. Bager Wah. At 8 m. Dofia Wah. At 8 m. 6 f. Phari Madhwa. At 10 m. road to Dandee branches off on left and crosses the Malamad Wah. At 12 m. 4 f. across the Charumala Wah and across the Meer Wah to Bays.
	Brought over			27	0					

Authority		Name of Stage	Distance		Road and Soil	Water	Supply of	Remarks
			Stage	Total				
Military	Civil		Miles	Package	Miles	Package		
General Officer Commanding Madras District Executive	Collector of Kurnool	Brought over		57	0			
		Dero	13	4	49	4		Good road and soil on the way. There are a large small near Dero.
		Mayla or Bala P	10	3				Good road and soil on the way. There are a large small near Dero.
		Total		60	7			
		8 March						

From—From near: Hyderabad to Dero the country is protected from the inundation by a band of earth. With a the influence of the Hyderabad there is much cultivation.

TABLE No 149

## FROM HYDRABAD TO JYLSULIMMER, BY MEERPOOR AND KHIPRA

GENERAL DESCRIPTION.

Authority		Name of Stage	Distance		Road and Soil	Water	Supply of	Remarks
			Stage	Total				
Military	Civil		Miles	Package	Miles	Package		
General Officer Commanding Madras District Executive	Collector of Hyderabad	Hyderabad Port to	10	4	10	4		
		Jam Bala in Tando	13	4	23	8		
		All yar in Tando	17	5	40	13		
		Meerpoor	5	0	45	13		
	Collector of Hyderabad	Meerpoor (old)	5	0	50	13		
		Thak Gadhia Jorany	10	3	60	16		
		Ka jor	17	0	77	16		
		P	17	0	94	16		
		Shangar Vira (Wells)	25	0	119	16		
		Shangar	18	0	137	16		
		Hyderabad-Tar	18	0	155	16		
		Shangar Minor	18	0	173	16		
		Carried over			180	16		

Authorities		Names of Stages.	Distance		Road and Rail	Water	Supplies	Remarks.	
			Stages	Total					
Military	Civil.		Miles.	Perchages	Miles.	Perchages			
General Officer Commanding Mysore Division, Mysore	Agent in the Government General for Department of Agriculture and Fisheries, Agent at Bangalore	Brought over			188	0			
		Mahajana	31	0	167	0	Source	Source	80 miles the inhabitants bring their water from a distance
		Three Pice	10	0	167	0	Plentiful	Date	A few tanks
		Govinda Dargy	24	0	181	0	Date	Kishorega	
		Chann Channan	13	0	194	0	Date	Source	
		Jayachann	13	0	207	0	Abundant	Abundant	A large town
		Total			216	0			
		15 Marches							

TABLE No. 150

## FROM HYDERABAD TO JOODPOOR, BY COMMERKOT AND BALMUR.

GENERAL DIRECTIONS, E to W

Authorities		Names of Stages.	Distance		Road and Rail.	Water	Supplies	Remarks.		
Military	Civil		Stages							
			Miles.	Perchages.						
			Miles.	Perchages.						
General Officer Commanding British District Kurnool.	Colonel A. J. Hydrabad	Fort of Hydrabad to Jan. Park. in Tank.	10	4	20	4			Table No 116 (2)	
		Allypore Tank	13	4	33	0				
		Moorpore	17	5	50	5				
		Jambon	7	14	57	19				
		Gourpore	10	24	67	43				
	Colonel A. J. Hydrabad	Shah-in-Tank	13	4	80	47				
		Commerkote	16	31	96	78				
		Ka. Jambon	16	0	112	78				

Agriculture		Name of Place	District		Road and Rail	Water	Crops	Remarks
			Straps	Total				
Ministry	Office		Area	Population	Area	Population		
General Office, Government of India District, Kurukshetra	Political Representative of Water and Fertilizer, at Kurukshetra	Brought over			125	84		
		Example in the	16	0	125	84		
		Grass	16	0	125	84		

Very--It is recommended, with regard to the units from Companies to Grades, that Infantry be passed over 12 by two Companies at a time, and Artillery by detachments of two even, with sections, &c.

District	No.	Altitude	Description	Vegetation	Soil	Water	Remarks
Dacca	11	1	100	4	Good mud and loam	Kalash water good	Small quantity of grain and plenty of, but not good for other supplies.
Lawson	11	8	100	7	Detto	One well of good water, 100 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Kurru	10	8	100	4	Detto	One well of good water, 80 feet deep, one in the village, one about a mile JSE	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Jayno	8	1	100	4	Detto	One well of good water, 80 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Bahar	8	7	100	4	Detto	One well of good water, 80 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Dudye or Jayo	10	4	100	4	Detto	One well of good water, 80 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Wazir	11	8	100	4	Detto	One well of good water, 80 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Chandpur or Chaudh	11	1	100	4	Detto	One well of good water, 80 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.
Chandpur	11	1	100	4	Detto	One well of good water, 80 feet deep	At 4 = 7 f. Water in house, 8 hours. Inside walls of good water 60 feet deep.

Authorities		Name of Stage	Distance		Food and Fuel	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer in Commanding Mysore Division, Mysore		Brought over		118	8			
		Bendale	6	4	262	8		The first 4 m. is above them, enters a level and cultivated plain, near the Lomasa river.
		Waleton	13	5	270	8		A cart road, in some parts good.
		Khetak	10	5	281	8		Ditto
		Hambaru, or the capital	10	7	291	7		Cart road, sandy and heavy in parts, and (rated) country abounding in walls, along the north or right bank of the Lomasa river.
		Dumara	11	2	302	1		Ditto
		Mathalan	11	8	313	1		Cart road over a plain
		Waleton	5	0	318	4		Ditto
		Jodhpur (Jhalore, or South Gate)	11	0				Ditto
		Total			328	4		
		27 Stations						

1877.—The 18th Regiment Bandits. In I searched by this route in the old season of 1857-58 and reported unfavorably of the road and its supplies for troops. On the other hand, the military police of one of the districts stated the opinion that the route was practicable in every way for all branches of the service. Government in investigating the report directed the Quartermaster General to be informed, that the unfavorable report of the 18th Regiment was unfounded, and that probably the true condition to be drawn as that suggested by Major Morrison, Captain of Police in Banda, that the route is one which should only be selected in cases of great emergency, although there can be no doubt that it is practicable."

~~TABLE No. 151 (1)~~

~~FROM HYDRABAD TO LERBAOCHER, BY KOTREE AND TATTA~~

GENERAL INSTRUCTIONS. 17

[illegible]

Distance by rail from Lahore to Lucknow (Free station) is 103 miles





REVISED TABLE No. 151. (1)

## FROM HYDERABAD TO KURRACHEE BY KOTRIE AND TATTA.

GENERAL DIRECTION, SW.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stages.	Total.						
			Miles.	Paras.						
		Hyderabad, Fort Gate to Kotrie.	4	0	4	0	Made road.	Abundant.	Abundant.	A large place on the right bank of the Indus River, Post and Telegraph office, barracks, bungalow, Madrasdar's bungalow, Messengers and Military station, carting platform, and Government yard, enclosed by walls and covered with mango trees, situated in the town near ferry. Over the Indus, a bridge wide, by stone ferry.
		312	12	0	12	0	Made road for 8 miles, the remainder fairly good and well marked out.	From wells.	None, but some houses from Kotrie to surrounding villages after some days' notice.	Carting platform good and open to right of road, close to mile stone No. 12 from Jilbrat and Kotrie. A village called Boker Beroke Gate, 10 miles, 2 shops, 0 f. to the left of road and a few huts situated 3 f. to the right, at which no supplies or transport are procurable. Former carting ground west of Jilbrat, 12 miles distance from Jilbrat, but water supply was insufficient for horses and transport accompanying troops.
		Jilbrat	15	9	28	0	Cleared road, good and hard.	Abundant.	Abundant.	A small town on the right bank of the Indus River, 400 houses, 40 shops, Post office, Madrasdar's bungalow, bungalow, Messengers, Police Bazar, Madrasdar's bungalow, Messengers of a Deputy Collector, surrounding ground, good and open, marked out by four pillars to the west of town. Over a low ridge (bridged) in this stage.
		Hilari	16	8	44	8	Cleared road, good, suitable for every conveyance.	From wells.	8 shops, supplies and horses abundant by giving the notice.	About 50 houses, 2 shops, one Madrasdar (he had resigned); surrounding ground, good and open, marked out with four pillars to the S.W. of village. Over a low ridge in this stage, all bridged.
		Tatta	19	0	60	8		From a tank and a well in the abandoned Garden.	Abundant, from a large house.	A small town with Post and Telegraph office, Madrasdar's bungalow, Messengers, Madrasdar's bungalow, Messengers, Police Bazar and Madrasdar's bungalow, surrounding ground, good and open, marked by pillars to the N.E. of bungalow. Over several ridges in this stage, all bridged.
		To Kurrachee	80	8						This Revised Table No 151 (1)
		Total.			120	8				
		10 Kurrachee.								

Note.—The distance by rail from Kotrie to Kurrachee (Ferry Station) is 100 miles.

TABLE No 151 (2)

## FROM HYDERABAD TO KURRAOHEE, BY BHOOLA KHAN THANA.

GENERAL DESCRIPTION, NW

Authorities.		Name of Stage	Distances.		Road and Soil	Water	Vegetation	Remarks.		
Military	Civil		Stage	Total						
			Miles	Fathoms						
General Officer Commanding Madras District, Karaikal	Collector of Karaikal	From Hyderabad to Karaikal	0	0	00	0	Clear road	Wells	1 step	Plate Table No 147
		Thana	10	0	00	0	Deft	Thana river	None, small dargah place	A dargah and good occupying ground about 8 m. N from the road. At 1 m 2 1/2 f pass some Bhoola's lands on right and cross the dargah's lands 40 yards wide, but sandy. At 1 m 0 1/2 f across Bhoola's lands, 50 yards wide. At 3 m. 1/2 f across Kipri's lands 80 yards wide. At 5 m 2 1/2 f pass between two small hills. At 8 m 2 1/2 f across the Thana or Bhoola river, 80 yards wide, but sandy, banks low
		Thana	14	0	00	0	Clear road with dargah's river drains over 10 small wells	Thana river	None, dargah's	Dargah's occupying ground NW At 3 m 2 1/2 f across a steep hill. At 5 m 0 1/2 f across a descent 1 1/2 f long, very. At 8 m 0 1/2 f across 1 1/2 m dargah's lands, 60 yards wide. At 13 m 0 1/2 f across a mile 60 yards wide
		Thana, Madras River	0	1	00	1	Clear road, rocky through the Gobra Thana.	Abundant	None, but small dargah place	Occupying ground on the east bank good. At 4 m across a pass through Gobra hills, 1 m. 0 1/2 m length, very. Country hilly and jagged
		Thana or Bhoola	0	0	00	0	Clear road	Thana river	None, but small dargah place	Dargah's and good occupying ground W At 3 m 2 1/2 f across a mile, 100 yards wide. At 3 m 7 1/2 f a short descent. At 5 m 2 1/2 f across the Thana river. Country hilly and jagged
		Thana	7	0	00	0	Deft	Wells	None	The dargah and good occupying ground W At 2 1/2 f across the Thana river, 100 yards wide, but sandy
		Karaikal, Post Of SPT	10	0	00	0	Deft	Abundant	Abundant	Large dargahs and some travellers' huts. Karaikal Post and Karaikal dargah. At 8 m. 2 1/2 f the road from Karaikal Post joins on right. Country open
		Total			100	0				
		13 Marches								

NOTE.—This route was taken in October 1857 by a Battery of Artillery. No great difficulty appears to have been experienced with regard to water or stages. The distances by rail from Kurrum to Kurraohee (from Station) is 103 miles.

TABLE No. 151 (3)

FROM HYDRABAD TO KURRAOHEE, BY KOTHEE, AONGAR, JOONG SHAHEE,  
AND HUN PUTTIANNEH.

GENERAL DESCRIPTION, NW

Authority.		Name of Range	Distance.		Road and Soil	Water	Supplies.	Remarks.
Military	Civil.		Single	Total				
			Miles	Partings				
		Hydrabad to Am- ber	18	8	18	8		See Table No 151 (1)
			18	8	81	8		
		Good Distant	18	7	45	3		
			18	7	45	3		
		London Joong Kishore	17	0	41	8		
		Respectance	11	0	78	3		
		Gugger	11	2	89	8		
		Sanatan Das Lashan B	18	6	57	8		
		Kurraohee Post Office R.P.F.	18	6				
		Total 8 Stations.			308	8		

Note.—There are no supplies obtainable anywhere along the road, and water cannot be depended upon in dry seasons. The road has been marked out, and is clear for the whole distance of any serious impediments in the way of gun moving by the line.

TABLE No. 152. (1)

FROM HYDERABAD TO MEERPOOR BUTTORA, BY MAHOMED KHAN-KA-TANDA.

GENERAL DIRECTION, S

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil.		Miles	Fathoms						
General Officer Commanding Madras District, Karaikal.	Collector at Hyderabad.	Hyderabad Fort to Mahomed Khan Tanda, S.P. Dismas	14	8	22	05	Road good	Water from pond in the bed of the canal near the village supplied by the canal	10 sheep	This Table No 10 (1)
		Bairwa	8	6	25	01				
	Collector at Karaikal.	Meerpoor Buttor F	10	01			Road good, across canal, with very heavy cultivation all along the road	Water from a tank supplied by the canal.	Abundant supply of water	A village with Collector's bungalow. At 2 m. cross the Pandee wall. At 4 m. Kishan and cross the Meer Buttor wall. At 5 m. On bungalow. At 7 m. S. Jhoket. At 9 m. S. cross the Ah wall. At 10 m. S. 4/ (Gharwar wall. At 12 m. Kanta Karpur Shah
		Total			44	02				
	5 Maras.									

NOTE.—This line is survey and difficult of passage up to 3 November. The road section is that near Dismas, where the overcrossing from the Canal and the canal at Dismas cross, by meeting, a road which extends upwards of 2½ miles.

TABLE No. 152. (2)

FROM HYDERABAD TO MEERPOOR BUTTORA, BY DURBO.

GENERAL DIRECTION, S

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles. Fathoms.	Miles. Fathoms.				
General Officer Commanding Madras District, Karaikal.	Collector at Karaikal.	Hyderabad Fort to Durbo.		48 11	Good road	Abundant good from a tank to the S., several wells, and the Pandee canal	Abundant supply of water	A town of 400 houses, partly in ruins. Post office and G.P. station. At 2 m. cross the Meer wall. At 3 m. S. Jhoket. At 4 m. S. 4/ (Gharwar wall. At 5 m. S. 4/ (Gharwar wall. At 6 m. S. 4/ (Gharwar wall. At 7 m. S. 4/ (Gharwar wall. At 8 m. S. 4/ (Gharwar wall. At 9 m. S. 4/ (Gharwar wall. At 10 m. S. 4/ (Gharwar wall. At 11 m. S. 4/ (Gharwar wall. At 12 m. S. 4/ (Gharwar wall.
		Meerpoor Buttor F	7 0					
		Total		55 11				
		5 Marasht.						

TABLE No. 153.

FROM HYDERABAD TO SEHWAN, BY KOTHEE AND MAJHUNDA.

HEALTHIL DISTRIBUTION, INC.

GENERAL DESCRIPTION, NW.

Authority		House of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
History	Civil		Stages	Total						
			Miles	Postmiles						
Colonial Office Dismantling Bands District, Karamnash.		Hydrated Turb	4	0	4	0	Good made road	Abundant	Abundant	Take Table No. 127
		Peckah B	18	81	12	81	Same	From river	3 stages	50 houses, many 8, near river. Good houses and barns. At 8 m. 21/2 to Shad. Also from houses off to left. At 8 m. 1/2 cross the highway from Karamnash. At 1 m. 81/2 road to head branches off to the left. At 8 m. 81/2 121 cross. 4 stages. At 8 m. 81/2 90 houses. 3 stages. At 8 m. 81/2 huts on the right. At 8 m. 81/2 40 houses. 3 stages on right and the road leaving 1 m. branches off to the left.
		Shad	13	9	80	42	Same	From 4 m. Shad	Same	A large village with barns, many ground water. At 8 m. 21/2 houses, 12 houses, 1 stage. At 8 m. 81/2 Karamnash, 80 houses. 3 stages. At 8 m. 81/2 Gung, 20 houses, 1 stage. At 8 m. 81/2 Karamnash, 200 houses, 12 stages, barns and wheat. At 10 m. 81/2 Karamnash, 200 houses, 8 stages.
		Shad or Sun	18	11	48	81	Same	River and water	Same	A large village with barns, school, 12 stages, blacksmith's, many ground good and open. At 8 m. 81/2 Karamnash, 80 houses. 2 stages. At 8 m. 81/2 Gung, 20 houses, 1 stage. At 8 m. 81/2 Karamnash, 20 houses, 1 stage. At 8 m. 81/2 Karamnash, 20 houses, 1 stage.
			11	81	67	24	Good made road, but 6 m. through Shad jungle	From 4 m. Shad, and water in 1 m. village	18 stages, up glacis plain 11/2 m.	100 houses and barns, connecting ground road, SW. At 21/2 road to Gung branches off to the left. At 1 m. 81/2 Shad, 20 houses. At 2 m. 81/2 Karamnash, 80 houses. 3 stages. At 3 m. 81/2 Karamnash, 80 houses, 18 stages and a barn. At 4 m. 81/2 Karamnash, 20 houses, 1 stage. At 5 m. 81/2 Karamnash, 18 houses, 1 stage. At 6 m. 81/2 Karamnash, 18 houses, 1 stage. At 7 m. 81/2 Karamnash, 18 houses, 1 stage. At 8 m. 81/2 Karamnash, 18 houses, 1 stage. At 9 m. 81/2 Karamnash, 18 houses, 1 stage. At 10 m. 81/2 Karamnash, 18 houses, 1 stage. At 11 m. 81/2 Karamnash, 18 houses, 1 stage. At 12 m. 81/2 Karamnash, 18 houses, 1 stage. At 13 m. 81/2 Karamnash, 18 houses, 1 stage. At 14 m. 81/2 Karamnash, 18 houses, 1 stage. At 15 m. 81/2 Karamnash, 18 houses, 1 stage. At 16 m. 81/2 Karamnash, 18 houses, 1 stage. At 17 m. 81/2 Karamnash, 18 houses, 1 stage. At 18 m. 81/2 Karamnash, 18 houses, 1 stage. At 19 m. 81/2 Karamnash, 18 houses, 1 stage. At 20 m. 81/2 Karamnash, 18 houses, 1 stage. At 21 m. 81/2 Karamnash, 18 houses, 1 stage. At 22 m. 81/2 Karamnash, 18 houses, 1 stage. At 23 m. 81/2 Karamnash, 18 houses, 1 stage. At 24 m. 81/2 Karamnash, 18 houses, 1 stage. At 25 m. 81/2 Karamnash, 18 houses, 1 stage. At 26 m. 81/2 Karamnash, 18 houses, 1 stage. At 27 m. 81/2 Karamnash, 18 houses, 1 stage. At 28 m. 81/2 Karamnash, 18 houses, 1 stage. At 29 m. 81/2 Karamnash, 18 houses, 1 stage. At 30 m. 81/2 Karamnash, 18 houses, 1 stage. At 31 m. 81/2 Karamnash, 18 houses, 1 stage. At 32 m. 81/2 Karamnash, 18 houses, 1 stage. At 33 m. 81/2 Karamnash, 18 houses, 1 stage. At 34 m. 81/2 Karamnash, 18 houses, 1 stage. At 35 m. 81/2 Karamnash, 18 houses, 1 stage. At 36 m. 81/2 Karamnash, 18 houses, 1 stage. At 37 m. 81/2 Karamnash, 18 houses, 1 stage. At 38 m. 81/2 Karamnash, 18 houses, 1 stage. At 39 m. 81/2 Karamnash, 18 houses, 1 stage. At 40 m. 81/2 Karamnash, 18 houses, 1 stage. At 41 m. 81/2 Karamnash, 18 houses, 1 stage. At 42 m. 81/2 Karamnash, 18 houses, 1 stage. At 43 m. 81/2 Karamnash, 18 houses, 1 stage. At 44 m. 81/2 Karamnash, 18 houses, 1 stage. At 45 m. 81/2 Karamnash, 18 houses, 1 stage. At 46 m. 81/2 Karamnash, 18 houses, 1 stage. At 47 m. 81/2 Karamnash, 18 houses, 1 stage. At 48 m. 81/2 Karamnash, 18 houses, 1 stage. At 49 m. 81/2 Karamnash, 18 houses, 1 stage. At 50 m. 81/2 Karamnash, 18 houses, 1 stage. At 51 m. 81/2 Karamnash, 18 houses, 1 stage. At 52 m. 81/2 Karamnash, 18 houses, 1 stage. At 53 m. 81/2 Karamnash, 18 houses, 1 stage. At 54 m. 81/2 Karamnash, 18 houses, 1 stage. At 55 m. 81/2 Karamnash, 18 houses, 1 stage. At 56 m. 81/2 Karamnash, 18 houses, 1 stage. At 57 m. 81/2 Karamnash, 18 houses, 1 stage. At 58 m. 81/2 Karamnash, 18 houses, 1 stage. At 59 m. 81/2 Karamnash, 18 houses, 1 stage. At 60 m. 81/2 Karamnash, 18 houses, 1 stage. At 61 m. 81/2 Karamnash, 18 houses, 1 stage. At 62 m. 81/2 Karamnash, 18 houses, 1 stage. At 63 m. 81/2 Karamnash, 18 houses, 1 stage. At 64 m. 81/2 Karamnash, 18 houses, 1 stage. At 65 m. 81/2 Karamnash, 18 houses, 1 stage. At 66 m. 81/2 Karamnash, 18 houses, 1 stage. At 67 m. 81/2 Karamnash, 18 houses, 1 stage. At 68 m. 81/2 Karamnash, 18 houses, 1 stage. At 69 m. 81/2 Karamnash, 18 houses, 1 stage. At 70 m. 81/2 Karamnash, 18 houses, 1 stage. At 71 m. 81/2 Karamnash, 18 houses, 1 stage. At 72 m. 81/2 Karamnash, 18 houses, 1 stage. At 73 m. 81/2 Karamnash, 18 houses, 1 stage. At 74 m. 81/2 Karamnash, 18 houses, 1 stage. At 75 m. 81/2 Karamnash, 18 houses, 1 stage. At 76 m. 81/2 Karamnash, 18 houses, 1 stage. At 77 m. 81/2 Karamnash, 18 houses, 1 stage. At 78 m. 81/2 Karamnash, 18 houses, 1 stage. At 79 m. 81/2 Karamnash, 18 houses, 1 stage. At 80 m. 81/2 Karamnash, 18 houses, 1 stage. At 81 m. 81/2 Karamnash, 18 houses, 1 stage. At 82 m. 81/2 Karamnash, 18 houses, 1 stage. At 83 m. 81/2 Karamnash, 18 houses, 1 stage. At 84 m. 81/2 Karamnash, 18 houses, 1 stage. At 85 m. 81/2 Karamnash, 18 houses, 1 stage. At 86 m. 81/2 Karamnash, 18 houses, 1 stage. At 87 m. 81/2 Karamnash, 18 houses, 1 stage. At 88 m. 81/2 Karamnash, 18 houses, 1 stage. At 89 m. 81/2 Karamnash, 18 houses, 1 stage. At 90 m. 81/2 Karamnash, 18 houses, 1 stage. At 91 m. 81/2 Karamnash, 18 houses, 1 stage. At 92 m. 81/2 Karamnash, 18 houses, 1 stage. At 93 m. 81/2 Karamnash, 18 houses, 1 stage. At 94 m. 81/2 Karamnash, 18 houses, 1 stage. At 95 m. 81/2 Karamnash, 18 houses, 1 stage. At 96 m. 81/2 Karamnash, 18 houses, 1 stage. At 97 m. 81/2 Karamnash, 18 houses, 1 stage. At 98 m. 81/2 Karamnash, 18 houses, 1 stage. At 99 m. 81/2 Karamnash, 18 houses, 1 stage. At 100 m. 81/2 Karamnash, 18 houses, 1 stage.
		Agnes B	13	43	68	8	Good made road	From head of lake 18 stages, up glacis plain, 11/2 m.	100 houses, barns, and 12 stages, 12 stages, connecting ground SW. At 21/2 cross a width 41 yards wide, but sandy 1/2 m. heavy built way. At 41/2 cross the hill. Where base 804 yards wide. At 2 m. 41/2 Thadon Chakra, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage	
		Larkin P	9	0	78	4	Good made road through Shad jungle in some places	From a head of lake 18 stages, up glacis plain, 11/2 m.	100 houses, barns, and 12 stages, 12 stages, connecting ground SW. At 21/2 cross a width 41 yards wide, but sandy 1/2 m. heavy built way. At 41/2 cross the hill. Where base 804 yards wide. At 2 m. 41/2 Thadon Chakra, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage	
		Current over			78	4				100 houses, barns, and 12 stages, 12 stages, connecting ground SW. At 21/2 cross a width 41 yards wide, but sandy 1/2 m. heavy built way. At 41/2 cross the hill. Where base 804 yards wide. At 2 m. 41/2 Thadon Chakra, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage
					78	4				100 houses, barns, and 12 stages, 12 stages, connecting ground SW. At 21/2 cross a width 41 yards wide, but sandy 1/2 m. heavy built way. At 41/2 cross the hill. Where base 804 yards wide. At 2 m. 41/2 Thadon Chakra, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage
					78	4				100 houses, barns, and 12 stages, 12 stages, connecting ground SW. At 21/2 cross a width 41 yards wide, but sandy 1/2 m. heavy built way. At 41/2 cross the hill. Where base 804 yards wide. At 2 m. 41/2 Thadon Chakra, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage and 8 m. 71/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage. At 1 m. 81/2 Karamnash, 18 houses, 1 stage

Authorisation		Name of Stage	Distance		Road and Ball	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Madras District, Karaikal	Civilian at Karaikal	Carried over		78 4				
		Makras B T	18 3½					
		Total		99 7½				
		8 Maresies.						
					Good roads road	Abundant from wells and over 4 f distance	Abundant from every kind	Large towns on the junction of the Arvel and Indra rivers, occupying S or SW upon the river. The Marathas built a S.W. At 1½ f the road to the Shrine of Lakshmi Naga (1 m S/W) branches off to the left. At 1 m 1½ f Chowra, 12 huts 8 shops. At 2 m 4½ f Hamsa, 30 houses 8 shops and a large dharmashala. At 3 m 2½ f Kankar Jodhar 6 huts 1 shop. At 4 m 7½ f Kankar chowra and small dharmashala. At 4 m 8 f the Marathas pass over a narrow. At 4 m 7½ f Kankar chowra and small dharmashala. At 7 m ½ f a dharmashala on right at the head of the pass. At 9 m 2½ f end of pass and over a wall, 50 yards wide, bed heavy and muddy

TABLE No 154 (1)

## FROM HYDRABAD TO SUKKUR, BY HALA AND NOWSHARA.

GENERAL DIRECTION, N or N

Authorisation		Name of Stage	Distance		Road and Ball	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Madras District, Karaikal	Civilian at Hyderabad	Hyderabad, Madras R	4 0	7 0	Cleared out-road, over a plain	4 huts, wells, and some		Small village on the right bank of the Falgus see the field of battle of the 17th February 1848. Cross 10 small travellers' bungalows, dharmashala, occupying ground and wells
		Madras B	11 0	18 0	Cleared and good road first mile along the bank of the Falgus the road over sandy plain with many watercourses	Abundant from wells and a canal about ½ m from the occupying ground	Abundant	A thieving town, travellers' bungalow, and dharmashala. across the Falgus near Madras see by a ferry boat, country cultivated Cross the Sindhia wall and two other large and five smaller canals. At 5 m Jandol Khali the direct road to Madras branches off here
		Madras or Madras, To Sukkur	8 8	26 8	Cleared and good road, over a plain	2 wells and tank	Abundant, from shops	100 houses dharmashala, occupying ground and wells.
		Total	102 0½	216 8½				See Table No 52 (1)
		18 Maresies.						

NOTE.—There is another route from Hyderabad to Sukkur along the right bank of the Indus, and Sukkur and Lucknow but it is longer than the above.

The direct road from Madras to Sukkur is as follows:—

Madras to Madras 14 m At 5 m Jandol Khali At 8 m 4 f Madras At 9 m cross the road from Madras to Yandol Khali At 10 m 4 f Sukkur Khali At 12 m road from Madras joins on left

TABLE No 154 (2)

FROM HYDRABAD TO SUKUR (DIRECT), BY SHAHJEE BHIT AND LOOKMAN-KA-TANDA.

GENERAL DESCRIPTION, N or D

Station		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Miles	Total					
			Miles	Fathoms					
General Officer Commanding Sindh District, Karachi	Collection at Hyderabad	Hyderabad to Miran	7	0	7	0			Small village on the north bank of the Indus (the bed of Indus at the 27th February 1948; even 10 miles low water level) low water level, encamping ground and well
		Makhar or Makhar	14	9	21	9	Bed marked out through light soil and pebbles, cultivation society	2 wells and tank 10 steps deep	180 houses, Chaurmahli, encamping ground and wells. At 8 m. Jambhul. At 8 m. 4/ Miran. At 9 m. cross the road from Makhar to Miran. At 10 m. 4/ the Laker Bhat. At 12 m. road from Makhar to Miran. The road is a low level in the middle of the road from Makhar to Miran.
		Makhar Bhat	15	0	36	0	As above but with no cultivation	Water stored in 16 steps from several wells	1 mile to Miran, situated on a ridge of sand, a large tree is in the middle. At 8/ cross the Chaurmahli. At 8 m. 3/ the house. At 8 m. 4/ the house. At 8 m.



Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Furlongs					Miles	Furlongs
General Office Commanding British District, Kurrachee Collected at Shikarpore										
		Drought over			104 3/4					
		Black Dog Change	5	7 1/2	110 3/4					
		Musson Chamba	7	2 1/2	117 5/4					
		Poor Waman	6	4 1/2	124 3/4					
		Bhambha	5	3	129 5/4					
		Mohar Load	7	0 1/2	136 5/4					
		Kumb	8	4	144 1/4					
		Pattikpoor	5	4	149 3/4					
		Lookman in Thoda	14	3	163 0 1/2					
		Barve	15	3	178 3/4					
		Walker	1	7						
		Total			180 3/4					
		23 Marthes								

TABLE No. 155 (1)

FROM JACOBABAD TO DADUR, BY BAGH.

GENERAL DIRECTION, NW

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks			
Military	Civil		Stage	Total							
			Miles	Per stage					Miles	Per stage	
Kuruvu Khadak Territory	From Jacobabad to Dadur Khadak-in-Jade	From Jacobabad to Dadur	18	4	30	0	Good, hard, and level road	From ponds in the district	See Table No. 157 (1)		
		Bagh	20	8	50	4	Good and level road through cultivated country, but much and up by hills and outside the irrigation	Ditto and from tank	Abundant 300 sheep also flocks	A large village occupying ground NW At 12 m from Meerpur, 4 shops, formerly a large village.	
		Maywara or My	14	8	64	0	Ditto	Good from a well SW. of village	Abundant 1,200 horses occupying ground NW	A town of 1,800 houses, with numerous wells in the Harro river; occupying ground to the N. Cross five miles on this stage with the Harro river running to the right, no better and numerous villages along the road.	
		Maywara or My	14	8	64	0	Ditto	Good from a well SW. of village	Abundant 1,200 horses occupying ground NW	A town of 1,800 houses, with numerous wells in the Harro river; occupying ground to the N. Cross five miles on this stage with the Harro river running to the right, no better and numerous villages along the road.	
		Maywara or My	14	8	64	0	Ditto	Good from a well SW. of village	Abundant 1,200 horses occupying ground NW	A town of 1,800 houses, with numerous wells in the Harro river; occupying ground to the N. Cross five miles on this stage with the Harro river running to the right, no better and numerous villages along the road.	
		Maywara or My	14	8	64	0	Ditto	Good from a well SW. of village	Abundant 1,200 horses occupying ground NW	A town of 1,800 houses, with numerous wells in the Harro river; occupying ground to the N. Cross five miles on this stage with the Harro river running to the right, no better and numerous villages along the road.	
Kuruvu Khadak Territory	From Jacobabad to Dadur Khadak-in-Jade	Dadur	8	0	104	8	Begged and stony road, through range of low hills	Abundant, creek	From Dadur	Abundant, from large tank	A walled town, surrounded by cultivation, on banks of running water from the hills. A 6 m. S. of across deep well, with some water
		Dadur	8	0	112	8	Good and level but on increased by water cuts	Ditto	Abundant, from large tank	Abundant, from large tank	A walled town and fort, surrounded by gardens on banks of the Harro river, which issues from the fort about 5 m. to the W. At 3 m. across a branch of it, broad, and with steep bank.
		Total			112	8					
		7 Marches									

TABLE No. 155 (2)

FROM JACOBABAD TO DADUR, BY GUNDAYA AND SHOOBUN.

GENERAL DIRECTION, NW

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stage.	Total.					
			Miles.	Per stage.					
Kuruvu Khadak Territory	From Jacobabad to Dadur Khadak-in-Jade	From Jacobabad to Dadur	18	4	Hard and level, and improved by many wells and streams	-	Abundant to large extent	This Table No 157 (1)  Two days within 8/ of each other, and several villages close by, country unfenced for 5/ in the immediate neighbourhood, and several large villages around. At 8 m. S/ from Gajpur, a large village and fort, with cultivation and numerous wells. At 12 m. S/ from Meerpur, a small fort and two villages; S/ further across a river, broad and shallow with a small stream. The hills approach near the road at Kuruvu	
		Bagh	20	8					
		Total							
		7 Marches							

FROM JACOBABAD TO DADUR, BY BURSHPORNE AND BAGE.

By Captains A. B. Sturgeson Feb 1880

[illegible]



By Bagh.

Authorities.		Names of Stages.	Distances.				Rivers.	Number of Nullahs.	Remarks.
Military.	Civil.		Stages.		Totals.				
			Miles.	Fur.	Miles.	Fur.			
Jacobabad - Bhakal Territory.	Political Superd. at Jacobabad.	Rajpur ..	11	0	11	0	---	---	Two small, walled villages on the frontier; one and heavy in parts; water indifferent, from wells.
		Barakhor ..	23	0	34	0	---	---	A small village belonging to Khelat, from Rajpur, and generally devoid of water, but in some more by heavy rains, road across the des indifferent from wells, sandy in the hot west.
		Kasim-kajoka ..	15	4	49	4	---	---	A large village, encamping ground S.W., pools in the Nari river until February, then 13 miles past Misrpoor, & shops, formerly a large town of 1500 houses with ruinous wall, in the N., cross 5 nullahs on this stage, with the N.
		Bagh ...	20	6	69	10	---	5	Pass numerous villages along the road, road, but much cut up by nullahs and canals for irrigation and from both; supplies and forage abundant.
		Mysrpoor or Mysrpoor ..	14	6	83	0	---	6	800 houses, encamping ground N.E., country from a small S.W. of village; supplies moderate.
	Political Agent at Khelat.	Mowshara or Mowshara ..	15	8	98	8	---	7	A walled town surrounded by cultivation on road rugged and stony, through range of low hills plentiful from a large bazaar. Cross a stage banks, road good and level, but water forage abundant.
		Dadar ...	8	0	106	8	---	---	
		Marches							
		Total ...				106	8		



Ambushment		Mount of Stages	Distance				Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages		Total						
			Miles	Perchings	Miles	Perchings					
Kazanka Kazanka Territory	Federation (Soviet-Union) at Kazanka	Brought over			88	7					
		Mountain	28	0	118	7	The first 8 m. over a tolerably rugged and steep, skirting the hills on the left; the last 2 m. very steep like the end of river	Abundant, from a fine stream	Abundant, from a stream, but a considerable distance from May, 1918, 8 m. off	A few small villages about 2 m. from the hills. At 14 m. were some streams of water, and some stone houses. At 17 m. 1/2 pass Belovskaya some small villages on the left, near the hills. After crossing some low steep hills 2 m. further, leave Belovskaya Pass's track, about 2 m. to the left. At 18 m. 5/8 pass five knifes walls, with a good supply of water, by a grove of larch trees, close to the left of some low hills, the trees above mentioned continuing on the right. Country on this stage a steep desert.	
		Mountain	27	54	184	43	The first 8 m. over a tolerably open road, then 4 m. over a rugged, steep and rocky road. The remainder over level ground.	Abundant	Abundant	A walled town, surrounded by cultivation, and a small stream of water from the hills. At 5 m. enter the Kazanka pass which leads for 4 m., with numerous steep ascents and descents, steep, but not very rough here of vegetation, and offering abundant cover. 1 1/2 m. further across a river, with a stream of good water, and much grass. Then 5 m. of good road to Kozlovka. At 18 m. 5/8 a large open village, with running water and cultivation.	
		Under	8	0						Refer Table No. 154 (1)	
		Total				142	43				
		8 Marches									
		Note.—There is a shorter route from Kazanka to Kozlovka as follows —									
		To Kozlovka in-Join				54	4				Refer Table No. 155 (1)
		Mountain	11	4	65	0	Good over level open dry	Mountain from 1/2 m. or 4 knifes walls	Abundant	Formerly a large town, now partially deserted	
		Mountain	13	4			Do not	Mountain from 1/2 m. or 4 knifes walls	Abundant	Two forts within 8/10 of each other, and several villages close by. The hills approach near the end of Kozlovka.	
Total				78	4						

TABLE No. 156 (1)

## FROM JACOBABAD TO KAHUN, BY DEYRA ON THE BOGGIE HILLS.

GENERAL DESCRIPTION, &amp;c

Authority		Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Pathways				
General Officer Commanding Banda District, Kumaon	Civil	From Jacobabad to Dell Mount.	7 7 1/2	7 7 1/2	Good made road, well made	Water procurable from one public well, also from a well	Small shops	The village is composed of 80 huts; large for cattle and horses procurable; occupying ground situated to the N.E. of the village, 4 miles across the road, also varying from 30 to 5 feet broad and from 2 to 3 feet deep. A deserted well sits near the village. From this a road branches off to the N.W. direction to the Kumaon, about 11 m., through cultivated; road is nearly 2 m., and crosses 20 bridges across.
		Kumaon-Las Gorge	11 0	18 7 1/2	Good made road, through low jungle in places the road sinks on a track of low ground liable to be flooded in rain.	Water procurable from one public well, also from a well	Plentiful	Village composed of 18 huts; occupying ground N.E. of the village. Water procurable from one public well, also from a well, all with bridges across them. A small road runs from the village, and crosses cultivated about it.
General Officer Commanding Kumaon District, Kumaon	Civil	Hemlak	17 0	25 7 1/2	Good, entirely through low jungle and between low hills	In the hill of above, but no water stream by digging 2 1/2 feet.	Good and fresh	The village, the place is occasionally frequented all by Bhagwan badman with their cattle, it being a favorite grazing ground
		Kumaon-Kashmir	13 0	38 7 1/2	Good over a slightly undulating plain	Abundant, from wells	Plenty procurable	Ditto ditto
		Kumaon	16 0	54 7 1/2	Generally good	From wells	Ditto	Ditto ditto
		Kumaon-Kashmir	7 0	61 7 1/2	Good	From a well in the road, 480 yards to the east of Kumaon-Kashmir	Ditto	The road from Kumaon to Kash. (through the Lalla Pass, 1 m. in length, after which it involves a distance of 3 m. to the main range of mountains forming the southern boundary of the Boggie Hills, and then ascends gradually for 2 m. to the top of Kumaon-Kashmir, which is so steep and narrow that good roads are unobtainable and down to by animal labor
		Kumaon	20 0	71 7 1/2	Good, possible for mules	Abundant and good from a spring close to the village	Ditto, other supplies	The road at first crosses a table land, between 2 and 3 m. broad, whence it gradually descends to Kumaon, on the N. side
		Deyra	18 0	89 7 1/2	Very nice from Kumaon to enter the plain of Deyra.	Abundant, from a well in the road, 480 yards to the east of Kumaon-Kashmir	Moderate but good from the valley	The capital of the Boggie tribe, a small town 180 yards square with 18 feet high, 18 feet thick at the base, but only one at top. Deyra was then by a British force in January 1846. The gate on the N.W. side was destroyed by a square tower and tower and was destroyed by the G. K. force in March 1846, but the tower has been since re- built. Deyra is a fertile plain running N and S for 80 m., with an average breadth of 4 m., 1,200 feet above the level of the sea bounded on the north by a mountain, 1,800 feet high, forming a part of the Boggie, the chief stronghold of the Boggie tribe. The stream can be turned by three wheels the water whence the spring is said to be in this valley is excellent
		Grand total			89 7 1/2			





TABLE No 156 (2)

## FROM JACOBABAD TO KATUN, BY POOLAJRE.

GENERAL DIRECTION, N

Authorities		Name of Stage.	Distance.		Road and Soil	Water	Supplies	Remarks.
			Miles.	Fathoms.				
Military	Civil		Miles.	Fathoms.				
<i>Nilaksh</i> <i>Karnat</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i> <i>Chandrabhaga</i>		Jacobabad to Khatun	20	4	30	4		Open, level, hard, and good, muddy grain here
		Chhatra	14	0	81	4		Open, level, better part very heavy and muddy
		Chhatra or Chhatra	11	4	48	0		Open, level, better part very heavy and muddy
		Poolajre	9	2	52	8		Open, level, better part very heavy and muddy
		Chhatra (Valley)	14	0	60	8		Open, level, better part very heavy and muddy
		Chhatra (Valley)	8	0	77	8		Open, level, better part very heavy and muddy
		Chhatra (Valley)	11	0	88	8		Open, level, better part very heavy and muddy
		Chhatra (Valley)	8	0	97	8		Open, level, better part very heavy and muddy
		Chhatra (Valley)	11	0	108	8		Open, level, better part very heavy and muddy
		Chhatra (Valley)	8	0	117	8		Open, level, better part very heavy and muddy
Corrected over			107	8				

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
		Brought over ...	...	97	2			
		Surtof range (foot of).	0	0	100	2		
		Nuffook range (foot of).	0	0	115	2		
		Kahum .....	0	0	...	...		
		Total .....	...	191	2			
		11 Marches.						

Note.—From Pooljee, compiled from the Survey and Journal of R. Kirk, Esquire, Surgeon of the 1st Grenadier Regiment, who accompanied the Detachment under Major Oliborn, sent to the relief of Kahum in August 1840. There is a more circuitous route from Pooljee, via Letree, as follows, taken chiefly from the surveys of the same Officer:—

		To Pooljee as above	...	55	2			
		Letree .....	14	4	00	0		
		Surwood (valley) ...	13	4	33	2		
		Tratanoe (ditto) ...	11	0	04	2		
		Mihoe (ditto) ..	11	0	105	2		
		Dahoo (ditto) ...	10	0	121	2		
		Kahum .....	10	0	...	...		
		Total .....	...	137	2			
		10 Marches.						

TABLE No 157. (1)  
FROM JAOBABAD TO KHELAT, BY THE MOOLLA PASS

GENERAL DIRECTIONS NW

See CHAPTER V. KHELOUT DISTRICT.  
 Commandant of the District, Kheilot, Kheilot District.

Political Agent at Kheilot and District, Kheilot District.

Authorities		Names of Stages	Distances				Road and Soil.	Water	Vegetation	Remarks					
Military	Civil		Stages		Total										
			Miles	Perchages	Miles	Perchages									
		From Jaalabad to Bagan	11	0	12	0	Good road, sandy and heavy in parts	Ind. River, from Bagan	Abundant	Two small walled villages on the frontier, on camping ground etc.					
		Berthore	20	0	32	0	Across the desert, level and good in the weather	Ind. River, from Bagan, Bagan	Abundant	A small village belonging to Khelat. From Bagan the country is perfectly level and barren and generally devoid of water but liable to be inundated to the depth of a foot or more by heavy rain.					
		Kanah	8	2	40	2	Good and level, 1 1/2 miles from Berthore and about 1 1/2 miles from Kanah, the country is level and good in the weather	Abundant from the Kanah river, the water is clear, the water is clear	Abundant	A large walled village on the Kanah river, on camping ground S.W., much cultivation and many villages around.					
		Chakana	10	0	50	2	Good and level, level and good in the weather	Ind. River, from Bagan, Bagan	Abundant	A good walled village with much cultivation. From the ruins of old Chakana with some walls and some villages to the right at 3 or 4, and a village to the left at 7 or 8.					
		Chandana	14	7	64	9	Good over a level and level place	Abundant from the Kanah river and some	Abundant	A town of 800 houses on the north bank of the Kanah river, the level of the water is 1 1/2 ft. above the Kanah river, and level by between the Kanah river and Chandana (about 1 foot deep in August). After heavy rain the river rises to 8 feet water, with a strong stream. There is no necessary to change the level of the river for the first case, the former being sufficient for navigation to the hills.					
		Kotah	8	0	72	9	Good	Abundant from the Kanah river and some	Abundant	Four villages and a fort near the entrance of the Kanah river is reached by the Kanah river and some villages to the right of the Kanah river, the level of the water is 1 1/2 ft. above the Kanah river, and level by between the Kanah river and Chandana (about 1 foot deep in August). After heavy rain the river rises to 8 feet water, with a strong stream. There is no necessary to change the level of the river for the first case, the former being sufficient for navigation to the hills.					
		Peer Chakir	10	0	82	9	Good road	Abundant from the Kanah river and some	Abundant	Camping ground good and extensive. After rain the level of the water is 1 1/2 ft. above the Kanah river, and level by between the Kanah river and Chandana (about 1 foot deep in August). After heavy rain the river rises to 8 feet water, with a strong stream. There is no necessary to change the level of the river for the first case, the former being sufficient for navigation to the hills.					
		Kahar	18	0	100	9	Good road in parts	Ind. River, from Bagan	Abundant	Camping on right bank of river on a sand bank about 15 feet above the water. Leaving Peer Chakir, the level of the water is 1 1/2 ft. above the Kanah river, and level by between the Kanah river and Chandana (about 1 foot deep in August). After heavy rain the river rises to 8 feet water, with a strong stream. There is no necessary to change the level of the river for the first case, the former being sufficient for navigation to the hills.					
		Carved over			100	9									

PHOSPHORUS, KNEEL THERMIST.

Tolliver Agent at Kiboko.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.					
Military.	Civil.		Stages.										
			Miles.	Furlongs.									
		Brought over.....	...	...	101	0							
		Pansowant .....	8	0	106	0		Very rough and stony for the first 8 m. after which it improves.					
		Hatijee .....	12	0	121	0		For 4 m. over a stony plain, then for 4 m. along the stony bed of river, then again over a stony plain.					
		Peer Lake .....	8	0	129	0		First 2 1/2 m. stony, the defile 2 m. long and narrow.					
		Narr .....	8	0	136	0		Road through the defile rugged.					
		Carried over.....	...	...	136	0							
								Abundant bamboo, but no good from the Moola river.					
								The river bed is thickly grown with flow trees; encamping ground good, with a small slope of trees and some cultivated ground near. At 0.5 up a rough little ascent, then over a bad tract for upwards of a mile, descend again to river bed which is here closed in between bluffs of conglomerate some 400 or 500 yards apart. The river bed is bare of flow trees for some 4 miles, but for the next 2 m. very thick. A mile and a half before reaching the encamping ground the bluffs disappear and there is a fine strip of cultivated land to the left with room enough to camp a division; there is a little grass, but the main stream of the river flows on the other side of the pass and from it water has usually to be fetched. In this march the river is crossed six or seven times.					
								Ditto					
							Very scarce.	Small village, 2 Burmah's huts on the left bank of the river. For 2 1/2 m. thick flow jungle and shingle, then a long bare stony valley somewhat more than a mile wide. At about 7 m. a little cultivation and stunted herbaceous trees; this spot is called Jat, and is occasionally used as a camping ground. Here the pass divides into two branches, first to the left is the true one; the defile is about a mile long, winding, and not more than 200 yards in breadth; the path to the right is over loose blocks of stones. This spot is visited by the Brahmoes to obtain iron, a surface vein of which is said to exist among the hills to the left. Clearing the defile there is 1 1/2 m. of marching over bad shingle not through flow jungle. The width of the valley at Hatijee is about 2 miles.					
							None	Tomb of a saint (Peer Lake) and a few palm-trees; good encamping ground. The first 2 1/2 m. is a stony tract up the valley, the hills gradually approaching each other. On the opposite side of the river is Karam, a remarkable place; first is a strip of cultivable land backed by a low ridge of hills, and behind these and totally concealed by them is a highly cultivated little valley with a village; this is the only place in the pass where any supplies at all can be procured. There is enough good ground outside the ridge for a large camp. The gorge which closes the valley might be easily passed. Beyond there is a small open space about 1/2 m., across which is succeeded by 8 m. of tremendous defile, the entrance to which is about 180 yards across, and average breadth not more than 250 yards. The sides are perpendicular cliffs several hundred feet in height and perfectly impassable to anything but an ibex or a Brahmoen. The floor of the pass level and smooth; this place is called Jangro Koochik. The Peer Lake valley is nearly circular; to the left it is only bounded by a low ridge. Cultivation to the right of the river.					
							None	Encamping ground confined, and a large body of men would have to encamp in the river bed. At Peer Lake, the stream taking an abrupt turn leaves from a narrow defile on the right. This defile, about a mile long, is narrow and winding, the rocks not so lofty as those of Jangro Koochik, are equal, if perpendicular, and the road more rugged.					

SINGAPORE, KUALA TERENKONG.

Political Agent at Kuching.

Tomb of a saint (Peer Lake) and a few palm trees; good encamping ground. The first 2 1/2 m. is a stony tract up the valley, the hills gradually approaching each other. On the opposite side of the river is Karam, a remarkable place; first is a strip of cultivable land backed by a low ridge of hills, and behind these and totally concealed by them is a highly cultivated little valley with a village; this is the only place in the pass where any supplies at all can be procured. There is enough good ground outside the ridge for a large camp. The gorge which closes the valley might be easily passed. Beyond there is a small open space about 1/2 m., across which is succeeded by 1/2 m. of narrow defile, the entrance to which is about 150 yards across, and average breadth not more than 250 yards. The sides are perpendicular cliffs several hundred feet in height and perfectly inaccessible to anything but an Iboe or a Braboo. The floor of the pass level and smooth; this place is called Jungoo Koochitak. The Peer Lake valley is nearly circular; to the left it is only bounded by a low ridge. Cultivation to the right of the river.

Encamping ground confined, and a large body of men would have to encamp in the river bed. At Peer Lake, the stream making an abrupt turn issues from a narrow defile on the right. This defile, about a mile long, is narrow and winding, the rocks not so lofty as those of Jungoo Koochitak, are equally perpendicular, and the road more rugged.

[illegible]

Authority.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stago.	Total.				
Military.	Civil.		Miles.	Furlongs.				
		Brought over...	...	181	6			then takes a double turn to a place where the passage seemed altogether barred; it is in fact but 5 yards wide and a sharp angle has to be passed. The way so narrow naturally has been still further straightened by the flood torrents which have scooped deep holes in which water always remains under the cliffs on each side, the pathway is consequently along the ridge of a bank of shingle and barely two feet wide. At this point the cliffs cannot be less than 800 feet in perpendicular height. From this narrowest point this tremendous defile continues a winding course of nearly a mile, the average breadth being no more than 20 yards. It widens very gradually towards the exit, but is there no more than 40 yards. This spot is 8 m. to Bhopur, and for the next mile the pass opens somewhat though still narrow. Here a large ravine joins in from the right, and the cliff on that side terminates in a vast mass visible several miles off. For the next 3 miles the rocks decrease in size and become more rounded and hill-like. The river bed, too, widens.
		Anjeera .....	11	0	192	6	Exceedingly rough and bad for 4 m.	Abundant, springs.
							from None, and very little grass or forage.	A sort but no village; encompassing ground good and extensive. After a mile of bad marching arrive at a narrow gap not more than 40 yards across, through which the river makes its exit from the hills. This gap gives entrance to a little bare stony plain some 2 m. in length, the exit from which is by a gap similar to the first. Hence through an exceedingly rugged ravine for about 4 miles. The bounding rocks are here about 500 yards apart and they widen gradually to 3 miles; numerous little rocky mounds descend from them to join the main channel, which is itself very winding with high perpendicular banks; the marching is consequently exceedingly rough and bad; in fact it is the worst piece, and impracticable for any Artillery except Mountain Train, in its present condition. At about 6 m. this pass opens into the Anjeera valley, which is some 6 miles in length and half the breadth, of alluvial soil.
		Sohrab .....	14	0	206	6	Tolerable.....	Nilto
							A limited amount of forage procurable also grain.	Sohrab is the name given to a collection of villages about here; encamp N. of village. There are two roads leading from Anjeera northwards through the hills. That to the east is the easiest, but even that is rough and confused. The hills to the right show a bold and lofty outline, but are not very precipitous. To the left is a labyrinth of lower ridges, through which several paths lead northward and westward. At 4 m. the hills give way to an open plateau. At 8 m. is a small summit (shrine or burial place of a saint). At 9 m. the end of the plateau is gained, and from this point there is a fine view of the southern part of the Sohrab valley. Hence the track descends diagonally a strong slope for about 2 m., at the foot of which is a village. The route from Sonmacewaj joins at Sohrab.
		Gundagan .....	14	0	220	6	Good .....	Brackish and bad. None
		Carried over...	...	...	220	6		A sort but no village. From Sohrab the valley gradually but perceptibly rises; it is bounded on either hand by steep parallel ranges, that to the E. is the improving ridge of the Koh Maran, to the W. the hills though rocky are low and irregular, throwing out spurs into the plain. A water-course called

BILGICHWALA, KURRAY TERRITORY.

Political Agent at Khalsia

Authorities		Name of Region	Distance		Road and Soil	Water	Vegetation	Remarks
			Miles	Total				
Military	Civil		Miles	Parasangs				
		Brought over		250	0			
		Bukhara	16	0	266	0	Good	Abundant
		Khokh	13	0			Slows at points	Ditto
		Total		267	0			
		22. Khokh.						

*Remarks by Lieut. Macdonald.*—The Mulla Pass is the continuation of the two great passes which lead from the Kutch plain into the Highlands of Khokh. These passes are extremely similar in character, both are very narrow long, both have a very steep gradient, and both may be considered practicable for all seasons. Of the two the Mulla is the most easy and it is always safe owing to the preponderance of the tribes who reside in the vicinity. The Police route is however the shortest and only to Khokh, but by a considerable distance it is less desired to proceed into Afghanistan. The character of the Mulla and also that of the Police is that of a drainage channel from the highland of Khokh to the Kutch plain; it finds a convenient way through the mountainous ridges which, rising up beyond the other, is apparently another pass, who runs generally north and south. It forms a series of tolerably open valleys connected by narrow ridges. The Mulla river is usually small, of a character similar to all mountain streams and, like them, subject to sudden rises when there has been heavy rain in the uplands. On these mountains, which are mainly bare for Afghanistan is an almost featureless country, it has been known to fill its entire bed with the lower part of the pass is several hundred yards wide, this would imply a rise of at least 3 feet, something is then responsible, as the gorge would be filled and all communication cut off.



TABLE No. 157. (2)

FROM JACOBABAD TO KHILAT, BY NURE, ZERDHEH, KHOZDAR, AND ANJHERA.

OFFICIAL DIRECTION, NW

Authorities.		Name of Stage.	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		Miles Furlongs, &c.	Miles Furlongs, &c.				
Baluchistan & Kutch Frontier	Publical Agent at Khelat	From Jacobabad to Nure	8 0	126 6	Excellent	Abundant	None	Follow Table No 157 (1)
		Gharo	8 0	141 6				From Nure instead of following the river which winds away to the right strikes nearly due W across the stony valley, here nearly bare of show trees, till the delta at the further side is reached. After 4 m a short gorge between high and precipitous rocks is succeeded by a small open space shaded again by another gorge, little more than 100 yards in width the sides of which are lofty and inaccessible. Beyond this lies Gharo, a part of the pass so called. A small bay at the rocks above occupying ground for about one furlong. Just beyond to the right is a good spring. By making use of the first open space and browsing trees in the pass beyond the spring a good number of men might be disposed of within any risk of the water in the gorge.
		Gharo	8 0	149 6				Encamping ground among low embankments to the right is opposite to a vast field of dark limestone. A little grass may be picked up about, especially after rain. The same dark limestone for more than a mile beyond the spring at Gharo, after which it is a narrow road from here onwards and are replaced in their side by low and rounded hills with a little scrubby vegetation on them. At 8 m. at a transition towards more of limestone standing alone in the middle of the pass, and beyond this is a ridge running apparently right across the valley and barring further progress in this direction. The road turns sharp to the right at a place called Dera, here water is often found and is then used as a drinking place. Hence the road winds to and the base of a low hill and turning again to the right after proceeding about distance, reach a shelf placed by a narrow delta and 80 yards in width and with lofty and perpendicular sides. It is perhaps the narrowest on this road as also it is made to be girth, and on clearing it it is at its truest back to right and left, and the country though still with hills has a more open aspect. For the last 3 m. the road through a dry and a slow river bed
		Lodhi	20 0	169 6				The chief village of the Black Baluch tribe of the Baluchistan. The road from Gharo descends into a dry river bed and is further on to the low hills turning again to the left it runs along the base for 1/2 m. then for the same distance over a bare and open plain where it is sloped by a high ridge running at right angles to the track. A 'khod' divided however by a deep well defined passage through the low hills towards a mile of rough and broken ground. After passing some 5 m. or 6 m. at 1 m. more a large open plain with ground gently sloping
		Carried over		180 6				

BRITISH INDIAN ARMY

Authority		Names of Stages	Distances				Road and Soil	Water	Vegetation	Remarks
			Stages		Total					
Military	Civil		Miles	Package	Miles	Package				
Political Agent at Khasdar		Brought over			120	6				ing down to a small rocky river which flows through it; the valley which lies NW and SE. is about 15 m. by 8, the southern side is bounded; principally by mountains. The river is a perennial stream when passing Fardes it turns to S for a long distance and finally empties into the lake. It is slow and muddy little stream and not easy to cross. The soil in the valley bottom is mostly light alluvium, the produce of glacial, tropical mountains. The slopes though steep produce a good deal of natural vegetation and afford pasture to numerous herds in the spring and summer. The valley is somewhat divided by a little ridge of rock which runs across it about half way up; beyond this on the right bank of the river the elevation ascends gradually up to Khasdar.
		Khasdar	12	6	120	6	Good soil level	Abundant	Plentiful	There is now no town; (1) a mound on which is stood being half a mile distant and N. of the present fort. There are however some small hamlets scattered about and several water mills on the upper part of the stream. The fort at Khasdar is of an irregular and regular base 200 x 185 yards with towers at the angles and corners of the sides walls about 10 feet thick at base of main strong tower by logs and stones built in 10 feet high and set to the east, half way up by a square tower inside the wall and a sort of (irregular) outside. To the west side high and pointed; above the normal and above which commands the fort is a tower at about 200 yards due W. Two miles N. is a little hill between the western extremity of which and the lake before mentioned runs the road to Fardes and Bal. Near its eastern extremity and between two small water hillside in the base of the great southern Khasdar river with Fardes and Bal. The road from Khasdar is very bad level.
		Baghawan	14	6	134	6	Date	Date	Moderate quantity of date-groves, some procurable	The place and village is called Khasdar. The road leaving Khasdar leads NW, and crossing the little stream passes through the gardens and forest afterwards through the forest. At 5 is a small round tank on the left and from thence the hills close in forming a sort of plain, rising gradually and very uneven. At 10 is the highest and most elevated part in road at, here the road approaches each other within 200 yards and then open out suddenly forming the Baghawan valley, the forest rises which is somewhat abrupt.
		Kover	12	6	146	6	Date	Date	Date	The surrounding ground is the site of an ancient town. Lower Baghawan passes through gardens on 1 side to Khasdar at 5 m. At 8 m. a grey chalky bank out of the valley, leaves several miles of rough and winding road through low rocks. At 8 m. a low ridge is crossed leading into another valley larger and better cultivated.
		Angren	14	6	160	6	All first rough broken ground	Date	There is very little grass or shrubs	A local but no village; surrounding ground good and extensive. Leaving Kover the first part of the march is a rough track through the hills. At 14 m. a steep plain is reached about 8 m. on which on the left there is a large and deep well here to be crossed, after which there is a bad road through a dingle. At 18 m. a large plain is reached, At 20 m. over excellent soil without stones reach
	Overland over			174	6					

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles	Furlongs				
			Miles	Furlongs				
BRITISH INDIAN TERRITORY	Political Agents at Kuala Lumpur.	Brought over		81 6				<p>A Hindu temple called Sank Pura. At 12 m. the road turns a corner round a small square and strikes N.W. for the hills of Teluk Anson which is 12 m. from Bagan. The pass is about (1 m.) but up hill and rugged. It is also very narrow, and at the narrowest part are traces of an ancient wall of considerable thickness running down one side of the rocks and up the other; it is nowhere more than a foot or two high, and it is difficult to detect the material from the artificial portents.</p> <p>File Table No 147 (1)</p>
		To Kuala	55 0					
		Total		270 6				
		23 March.						

Lieut. Macdonald, of the 5th Bn. M.F., who served on over this route in 1873, reports — "Up the Malacca Railway of Horses or Field Artillery might proceed without much difficulty, and a little engineering would suffice to make a way suitable for heavy field batteries and the wheeled transport of an army. For all such the Malacca route would be admirable, and it is only two miles longer."

TABLE No 157 (3)

## FROM JACOBABAD TO KUALA, BY NURR, PASHT KHANA, AND ZEHREH.

GENERAL DIRECTION, N.W.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS		
			Stages	Total						
Military	Civil		Miles	Furlongs					Miles	Furlongs
BRITISH INDIAN TERRITORY	Political Agents at Kuala Lumpur.	From Jacobabad to Pash Khan.		148	6	Good and easy	Above level	None	File Table No 157 (1)	
		Bahar	8	0	100				6	Good occupying ground
		Kandah	8	0	108				6	From Tumbi Khan to Kandah a frequently made or old track
		Mishk	18	0	126				6	The first village on the Kahriz plain; the valley is well watered and studded with villages.
		/dhar	10	6	136	6	Favourable	Ditto	A cluster of large villages, including Bagh, is reached at Pash Khan. From here a road leads S.W. to Bagan, a considerable place 10 m. from Bagan, and which commands the whole southern part of the valley.	
		Pash Khan	14	0	150	6			Ditto	As far as (1) the route is easy, and deep and supplies are more plentiful in the Kahriz valley than elsewhere.
		Bahar to Bagan	10	0	160	6				A well. From Pash Khan, the road lies through a narrow defile (1 m.) as a place only a few yards lower, however, so narrow that no quantity of men could be sent before they can pass.
		Cherished over			216	6				

Authority	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
		Miles Fathoms	Miles Fathoms				
Military	Civil						
British India Karnataka Political Agent at Kumbhak	Enroute over		11 0				
	Kapota	8 0	23 0	Desert rugged the road is very	Abundant		All Kapota is a village where the Khaz has a rest of 1000 for horses and a resting place. A great deal of water is available. The road is very steep and rugged. The remainder of the way is very
	Kumbhak	12 0	35 0	Very	Abundant		Leaving Kapota the first half of the journey was through an open desert. The Khaz has a rest of 1000 for horses and a resting place. A great deal of water is available. The road is very steep and rugged. The remainder of the way is very
	Total		35 0				
	El Marwan						

Remarks by Local Inhabitants - It is noted with the exception of the part between P. Marwan and Kapota, the road is very good and the water is very abundant. The road is very steep and rugged. The remainder of the way is very

TABLE No 168

## FROM JAOBABAD TO KUSHMOR, BY TUNGWAND.

GENERAL DIRECTIONS.

Authority	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
		Miles Fathoms	Miles Fathoms				
Military	Civil						
General Officer Commanding British District, Kumbhak	Jaoabad to Dill	7 1	7 1				
	Kumbhak	11 0	18 1				
	Tungwanda	14 7	32 8	Good road through the desert (see note on page 167) for some distance the road is very good and the water is very abundant. The road is very steep and rugged. The remainder of the way is very	Water plentiful		See Table No. 167 (1)
	Kumbhak	11 0	43 8	Good road through the desert (see note on page 167) for some distance the road is very good and the water is very abundant. The road is very steep and rugged. The remainder of the way is very	Water plentiful		This village is situated at 1000 feet. The road is very good and the water is very abundant. The road is very steep and rugged. The remainder of the way is very
	Kumbhak	13 8	57 6	Good road through the desert (see note on page 167) for some distance the road is very good and the water is very abundant. The road is very steep and rugged. The remainder of the way is very	Water plentiful		See Table No. 167 (1)
Total over			57 6				

Authority.		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Madras District, Koonakur.	Collector at Koonakur.	Brought over...	—	—	50	0		
		Koonakur	18	5	—	—		
		Total	—	—	50	0		
		6 Marches.						

NOTE.—During the formation a route to the northwest of the above is taken by passengers, to avoid the swamps that form on the line of road between Tugayana and Koonakur. The posts of Koonakur and Koonakur are on sites out of the jungle, which is very dense all round them. The route is not in a straight line, and is carried on by wandering tracks of the jungle in the neighbourhood. The road is a track 30 feet broad, marked out but not metalled. Bridges have been completed over the branches of the irrigation canals.

TABLE No. 159.

## FROM JACOBABAD TO SUKKUR, BY SHIKARPOOR.

GENERAL DIRECTIONS, &amp;c.

Authority.		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stage.	Total.					
			Miles. Furlongs.	Miles. Furlongs.					
Military.	Civil.								
General Officer Commanding Madras District, Koonakur.	Collector at Shikarpoor.	From Jacobabad to Koonakur.	12	4	12	4			
		Shikarpoor	12	5	25	7			
		Total	7	8	23	2			
		Brought over	—	—	23	2			

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Packdays	Miles.	Packdays		
General Officer Commanding Madras District, Kumbakonam	Collector of Kumbakonam	Brought over		23 3/4				
		Ovara	8 3/4	21 3/4	Head cleared, but heavy 7 1/2 paces wide and deep. Several mounds and water-courses in this stage, irrigated.		A stage	A small village, occupying ground good and open near 2 paces wide, 4 1/2 beyond Ovara on the road side. At 8 m. 1 1/2 paces a well, and a single shop, on the road side. Within this distance the country is irrigated during the high season the water being brought down by 4 canals, which are irrigated. At 4 m. 2 1/2 paces a bungalow and at 4 m. 8 1/2 paces a village with supplies.
		Madikeri S P T	8 3/4	30 1/4	Head on above (through abundant cultivation and then jungle except mounds, all irrigated.	Abundant	Abundant	A large town on the bank of the river below. At 8 m. paces a well; a few houses 2 shops 1 well, paces
		Total		68 0				
		8 Marches						

TABLE No. 160.

## FROM KALUDGHEE TO GOKAK, BY YARDWAR.

CENTRAL DIVISION, W

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Packdays	Miles.	Packdays		
General Officer Commanding Madras District, Bangalore	Collector of Bangalore	Kaludghee W gate of town in lake pool	0 3/4	8 3/4	Clear road	Wells and wells	Moderate	200 houses occupying ground cleared and rocky. At 4 m. 3 1/2 paces 200 houses, 1 shop. At 6 m. 4 1/2 paces a well 70 yards wide, looks new. At 9 m. 1 1/2 paces 100 houses, and 2 bungalows 20 houses, right and left of road.
		Yardwar	13 3/4	22 1/4	Clear road, mixed soil and rocky bank	Wells	Abundant, 16 shops	A small town of 700 houses; occupies 11 and 12, once after leaving Bangalore the cleared road is Bangalore boundary off to the left. At 1 m. Bangalore 12 houses and road to Bangalore boundary off to the right. At 8 m. 6 1/2 paces the Bangalore well 12 yards wide, but muddy and dirty looks dry. At 9 m. across a well 84 yards wide, dry of a few hours after 1 every year. At 8 m. 10 1/2 paces, 25 houses. At 8 m. 10 1/2 paces 20 houses. At 12 m. 14 paces 100 houses, 14 yards wide, but mud and sand, looks dry
		Yagur	14 1/4	36 3/4	Do	Chalgar river	None	80 houses and a small Macrauma; occupy W on the bank of the Chalgar river. At 8 m. 7 paces Macrauma well, 60 yards wide, but muddy, looks very dry of some hours after heavy rain. At 6 m. 1 1/2 paces 20 houses. At 7 m. 1 1/2 paces 40 yards wide. At 8 m. 1 1/2 paces 100 houses, 2 shops. At 8 m. 1 1/2 paces the Macrauma well, 60 yards wide. At 9 m. 7 1/2 paces a well 12 yards wide. At 11 m.
		Cooral river		37 1/4				

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Bangalore District, Bangalore	Collector of Bangalore	Brought over		27	42			11/ across another mile 30 yards wide. At 11 m 3/ Lakshmi: 60 houses, 1 shop. At 12 m. 41/ across the Gutikar mile 30 yards wide.
		Arbore	11	0	40	42	1 shop	100 houses, swampy W. At 12 m. across the Gutikar river, 120 yards wide, bed sandy, breaks easy. A boat had here during the night. At 14/ Moggay, 100 houses, 2 shops. At 5 m 24/ across the Begun ferry mile, 30 yards wide, bed sandy, breaks easy. A day of some days since heavy rain. At 5 m. 1/ Waddur, 125 houses, 2 shops. At 7 m 24/ across a mile 30 yards wide, and at 9 m 7/ across another mile 25 yards wide, bed sandy, breaks easy.
		Golak P	8	24			Abundant, market on Thursdays	A large place, 300 houses. Swampy E. At 1 m 24/ across a mile 40 yards wide. At 2 m. 6/ Lohar, 30 houses. At 3 m 71/ across the Gutikar river 30 yards wide, 2 ferry boats here during the night.
		Total		55	0			
		5 Marches						

TABLE No 161.

## FROM KALUDGHEE TO GUJJUNDURGUR, BY BADAMEE

GENERAL DIRECTION, SE

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Bangalore District	Collector of Bangalore	Kaludghe	14	6	14	6	Good from tank and well.	180 houses. Swampy SW of village, in black cotton ground, room for a regiment. At 4 m. past Tumbakur, or Badamkur, water good, from wells. At 8 m 4/ Karimnagar, 300 houses, tank, and well, moderate supplies.
		Badamee P	11	2	25	7	Abundant	A town, and stone fort, on a rock. At 7/ past Hingayee, 40 houses, well, and a well which is good, no supplies. At 4 m 6/ Nagarkurnool, no supplies. At 5 m 6/ Nee chikol, 40 houses, tank, but no supplies. At 8 m. 7/ Adgaol, 60 houses, no supplies. Water from a fine stream.
		Muramba	15	8	41	15	Good from wells, tank, and a tank, which is dry in March.	20 houses, swampy E., on black cotton ground. Well for a large force. At 1 m 6/ past Anantapur, small village, no supplies. At 3 m across Sarnamur mile. At 4 m 1/ Trimbakur, 120 houses. Supplies scarce, water from river. At 4 m 3/ across Nizampet river, 120 yards wide, bed sandy and stony, breaks black, and drinkable in November, a boat had for the
		Brought over		41	15			

[illegible]

TABLE No. 162

FROM KALUDGERE TO JUMKEUNDEN. BY MOODHOL.

GENERAL DISCUSSION, 18

[illegible]



TABLE No 163

FROM KALUDGHER TO KOLAPOOR, BY MOODHOL AND BYBAUG.

GENERAL DIRECTION, WNW

Articulation		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Perchages					Miles	Perchages
General Officer Commanding Bangalore District Bangalore.	Political Agent at Kalapoor	Kaladgher Moodhol B P	18	7	18	7		Plate Table No 162		
		Mohalingpoor B	13	4	31	8	Cleared cart road. Soil mixed, sandy, black and gravelly in parts	Wells and wells 20 shops on Thursdays	1700 houses, and travellers bungalow, an occupying ground 500 yards E of village At 2 m. 1/2 pass Bangalore, 40 houses 2 wells, and a well and 1 shop. At 5 m. 5/2 cross a well. land sandy and shallow, water during rains At 9 m. 8/2 Bangalore 200 houses, 3 shops 40 wells and wells. At 10 m. 1/2 cross wells	
	Collector at Bangalore	Mograliker	10	6	41	0	Good road, soil mixed	10 wells, and 20 shops wells.	200 houses, occupying W of village At 4/2 pass Bangalore, 30 houses, 2 wells, and wells At 4 m. 1/2 cross a well, and at 4 m. 4/2 Bangalore 180 houses 1 shop, 0 wells, and a well At 8 m. 5/2 Bangalore, 30 houses and 4 wells At 8 m. 4/2 Pallaia road, 40 houses 2 wells and wells.	
		Bybaug P	14	3	55	3	Good road, soil red	30 wells and wells 1/2 shops	400 houses occupying ground E of village At 3 m. cross a well to Bhalai, or Gidgal, 100 houses 3 shops 10 wells, and a well At 7 m. 3/2 cross wells to Alagawara, 30 houses, 2 wells and wells. At 9 m. 4/2 cross wells to Mangalore, 30 houses 4 wells and wells. At 11 m. 2/2 cross wells to Channal 20 houses, 3 wells and wells. At 11 m. 5/2 a rocky pass rather difficult for carts	
	Collector at Bangalore.	Takemala	18	3	73	6	Ditto	25 wells and wells 30 shops	500 houses occupying ground NW of village At 5/2 a rocky pass. At 4 m. Bangalore or Bangalore 30 houses 4 wells, and wells At 8 m. 5/2 Bangalore, 180 houses, 1 shop, wells for 12 houses	
		Danabhe Warte	11	4	84	2	Black soil and good	10 wells	2 shops	36 houses; country level and open, occupying ground on all sides At 1 m. 7/2 Bangalore 30 houses, 2 wells At 5 m. 1/2 Bangalore 200 houses, 18 shops, 20 wells, and Deodurga river At 5 m. 5/2 cross Deodurga river 160 yards wide, banks low bushy trees in the river, channel steady At 7 m. 2/2 Juvard, 200 houses 1 shop 3 wells, and river At 9 m. 7/2 Bangalore Warte, 30 houses 4 wells
	Political Agent at Kalapoor	Hillawar	9	0	93	2	Black soil road good	4 wells and wells		40 houses At 6 m. 2/2 pass Talabaghe deserted tank and wells
		Kolapoor Gachin mand, travellers B P P	9	0	102	2	Cleared cart road for 6 m, the rest made	At 6 m. 2/2 pass Bangalore 30 houses 3 wells and wells At 2 m. 8/2 Bangalore 40 houses, wells and wells At 8 m. 1/2 cross wells At 5 m. 1/2 Bangalore 200 houses 1 shop, 3 wells, and river At 9 m. 7/2 Bangalore Warte, 30 houses 4 wells	At 1 m. 7/2 pass Bangalore 30 houses 3 wells and wells At 2 m. 8/2 Bangalore 40 houses, wells and wells At 8 m. 1/2 cross wells At 5 m. 1/2 Bangalore 200 houses 1 shop, 3 wells, and river At 9 m. 7/2 Bangalore Warte, 30 houses 4 wells	
	Total				102	7				
	9 March									

TABLE No. 164

## FROM KALUDGHEE TO LINGASOOGOOB, BY HOONGOOND.

GENERAL DESCRIPTION, &amp;c

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage	Total				
			Miles	Fathoms				
		From Kumbakonam to Dugabate P.	14	0	Good cleared road, soil red and black	One small pond near river	Abundant	A town of 2,000 houses; occupying ground left of road, L. of river on the bank of the river high dry and extensive. At 1 m. N. of Tomshagore, 1st house. At 1 m. N. of ore the cleared road from Dugabate to Bodipore. At 1 m. N. of Bodipore, 20 1st house 2 miles
General Officer Commanding Madras District Madras		Kumbakonam P.	18	0	Cleared road, soil black	Madras river	Plentiful	100 houses on the Madras river. At 1 m. N. River, a large village. At 1 m. N. the cleared road to Bodipore branches off to the right side to the right for a house
		Hoongoon P.	15	0	Cleared road soil black and red	Wells and tanks	Abundant	A large village, 400 houses occupying ground opposite and cleared on the left of the road. Over the Madras river at Kumbakonam At 4 m. N. of road at 1 m. N. of Hoongoon At 1 m. N. of Hoongoon. At 1 m. N. of Hoongoon
		Theeruvai	7	4	Country road track	Do	Plentiful	10 houses; occupying ground high and good left of the road. At 1 m. N. of road a well to Ooruvai. At 1 m. N. of Hoongoon At 1 m. N. of Hoongoon. At 1 m. N. of Hoongoon
		Kumbakonam	20	4	Do.	Do	Abundant	400 houses occupying ground high and good N. of road. At 1 m. N. of road a well to Ooruvai
General Officer Commanding Madras District Madras		Madras Fort	18	8	Do	Abundant	Do	200 houses; occupying ground good high, left covered with grass. At 1 m. N. of road a well to Ooruvai. At 1 m. N. of road a well to Ooruvai. At 1 m. N. of road a well to Ooruvai
		Lingasoogob P.	10	8	Do	Do	Do	100 houses; occupying ground high and good N. of road. At 1 m. N. of road a well to Ooruvai. At 1 m. N. of road a well to Ooruvai. At 1 m. N. of road a well to Ooruvai
		Total		84	8			
7 Miles								

TABLE No. 165.

## FROM KALUDGHEE TO SATTARA, BY MOODHOL, TEERDUL, AND TASGAUM.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.				
			Singa.	Total.								
Military.	Civil.		Miles.	Furlongs.								
General Officer Commanding Balgaum District, Balgaum.		Political Agent at Kolapoor.	Kaladghee Cantonment to Mahalingapoor.	9	0	41	1	Good cart-road, generally over black soil and level country.	15 wells, and in different tank.	Moderate	1,000 houses; good encamping ground. At 2 m. pass Kasirkup, no supplies, a well and a nalla. At 7 m. 1 f. Goolambhaves, 4 wells and a nalla, but no supplies. The country is a hard elevated barren plain nearly desert from want of water.	
		Collector at Balgaum.	Mootapoor-Khemapoor.	11	1	52	2	Ditto	River Krishna	Scanty	100 houses on the south bank of the Krishna, and about 3 f. before reaching it; encamp on the banks, among fields. The river is crossed here, 500 yds. broad, and difficult for carts, from the steepness of the banks; not fordable till December, until when a basket boat plies. At 4 m. 5 f. pass Shai-goomshoo Kootmat, river and wells; no supplies. At 6 m. 7 f. Sanukhuttoo, 60 houses, tank, and wells; no supplies.	
			Mungwalee	12	3	64	5	Red and stony soil, undulating and rugged ground, difficult for carts.	Water, from pits in a nalla, all the year.	Scanty; 1 shop	200 houses and a small fort; encamping ground east, among fields. At 2 m. 7 f. pass Kittoor, 1 shop, and water from the river, about a mile distant. At 5 m. 4 f. Aconapoor, a large village, with good encamping ground; water from river and tank, and abundant supplies; country open and partially cultivated. Cross two nullas between Aconapoor and Mungwalee.	
			Malgaum	12	8	77	0	Ditto	Abundant, wells.	Abundant	Large village; good ground for encamping, among trees, on the R. Leaving Mungwalee cross two nullas, and at 4 m. 4 f. pass Ury or Aray, 200 houses, 8 shops, 20 wells, and a nalla. At 10 m. 5 f. Mallawaree, 40 houses, no supplies; water from wells and springs in a nalla. Cross nulla close to the village.	
		Political Agent at Kolapoor.	Targam F.	15	4	99	4	Good cleared cart-road; soil red and black.	Ditto	Abundant, market on Fridays.	A town with good bazar and a small Mamuldar's bungalow; encamping ground, south, good and high; country open and cultivated from the Krishna river. At 0 m. 6 f. pass Chumbarwaroo, 4 houses, 2 wells; no supplies. At 9 m. 2 f. Koomleo, 50 houses, water scanty, from wells; no supplies. At 11 m. 5 f. Nagam Koria, 250 houses, 8 shops, abundance of water, from wells.	
		Collector at Sattara.	Bamboda	8	14	100	5 1/2					} Vide Table No. 73.
			Kurroepoor	17	1	117	0 1/2					
			Poonasawlee	11	6 1/2	128	3 1/2					} Vide Table No. 70.
			Rhymutpoor	12	8	141	0 1/2					
		General Officer Commanding Poona Division, Poona.		Sattara	15	0 1/2						
Total..... 13 Marches.					160	7						

NOTE.—This is the nearest road between Kaludghee and Sattara. The country is open the entire distance, and nearly level, excepting the triding table land between Teerdul and Mahalingapoor. The only difficulty of any importance is the broken ground between Aconapoor and Mungwalee, and this may be avoided by the following detour.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supply Water	Remarks	
Military	Civil		Stage		Total						
			Miles	Fathoms	Miles	Fathoms					
General Officer Commanding Belgaum District, Belgaum		Mangwolen			81	5	Barren and stony to Barwara from whence there is a good road with black and red soil	Wells and Arud on river, 8 f distance	4 m of c	As above.	
		Pakhandi Mymal Agard at Kohapoor	8	3	73	7					5 wells and a well, these
		Dehlori Tosing at Bel gaum	9	71	82	81					
		Dehlori Tosing at Bel gaum	11	1	93	72					
C O O P D Poon		Dehlori Tosing at Bel gaum								At 8 m. 71 f Karakwara a few huts. At 9 m. 7 f ho via, 600 houses 10 sheep, wells and wells	

TABLE No 103

FROM KALUDGHIE TO SUNKESHWUR, BY YARDWAR

GENERAL DIRECTION, N

GENERAL DIARY, N

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	Fathoms	Miles	Fathoms				
General Officer Commanding Belgaum District, Belgaum	Collector of Belgaum	From Kaludghie to Urdi was			48	47	Cleared road	Wells		See Table No. 180
		Hoskare P	14	71	63	4				
		Hoskare P	8	04			Ditto	Wells, wells and Hoskare river	Abundant market on Fridays	Along road 80 fms at top of hill on hill on hill dune. At 1 m. 1 f. Hill 20 houses. At 1 m. 4 f cross a well 60 yards wide. At 7 m. 7 f cross a well 1 m. 13 yards wide. At 8 m. 11 f. Hill 20 houses. At 9 m. 11 f. cross a well 20 yards wide. At 11 m. 11 f. cross a well 25 yards wide. At 12 m. 11 f. cross a well 10 houses. At 14 m. 21 f. cross a well 18 yards wide.
		Total			71	41				180 houses on the Hiraone river. 1 crossing at ground level. At 4 f. cross a well 10 yards wide to Jankar 8 houses. At 8 m. 8 f. cross a well 18 yards wide. At 8 m. 4 f. Hill 200 houses 7 sheep, and market on Hoskare. At 4 m. 11 f. cross a well 80 yards wide. At 5 m. 11 f. cross Kappa well 80 yards wide. At 6 m. 7 f. cross the cleared road from Hoskare to Tosha. At 7 m. 2 f. cross a well 14 yards wide.
		G Miran.								

TABLE No. 167.

## FROM KOLAPOOR TO BEEJAPUR, BY MEERUJ, HUTNEE, AND HONWAR.

GENERAL DIRECTION, E.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles.	Furlongs.						
		Miles.	Furlongs.	Miles.	Furlongs.					
General Officer Commanding Belgaum District, Belgaum.	Political Agent Southern Marharatta Country at Kolapoore.	Kolapoore Post Office to Atstockerah.	10	0½	10	0½	Made road, bridged and drained.	Tank and well	1 shop	160 houses; encamping ground SE. At 7½ f. pass the travellers' bungalow at Kolapoore. At 1 m. 1½ f. the road to Belgaum branches off to the right. At 3 m. 5 f. cross the Panchgunga river (bridged). At 4 m. 7 f. leave road to Battara and turn east. At 5 m. 8 f. cross a nulla 24 yards wide, bed sandy. At 6 m. 4½ f. Halondop, 2 f. right, 135 houses. At 7 m. 1 f. cross a nulla 20 yards wide. At 7 m. 3 f. cross another nulla 20 yards wide. At 7 m. 5½ f. Heiriah, 500 houses, 15 shops, 1 dhurumala, water from tanks and wells. At 8 m. 5 f. cross the Kudkavullee nulla, 10 yards wide. At 9 m. 5½ f. Ohnak, 100 houses, 3 shops. At 10 m. 3½ f. Mooringee, 150 houses.
		Obesproe	11	7½	22	0	Ditto	Wells	3 shops	480 houses, about 5 f. on left, encamping ground left of road near a well. At 2½ f. made road to Ichikurumjee branches off to the right, and at 7 f. cross the old road from Kolapoore town to Olich. At 1 m. 8½ f. old road from Kolapoore joins on right. At 3 m. 5½ f. cross a nulla 30 yards wide. At 4 m. 2 f. cross another nulla 25 yards wide. At 6 m. 4 f. old cleared road to Oodgaum on left. At 7 m. 1½ f. Tumdolge, 100 houses, 1 shop.
		Meeruj P.	10	3	23	1	Made road for 3 m., the rest country cart track.	Abundant	Abundant	A small town of 4,788 houses; encamping ground N. At 1 m. ½ f. a well of good water. At 2 m. 2½ f. old cleared road joins on left. At 3 m. 3½ f. Oodgaum, 500 houses, 4 shops. At 4 m. 1 f. cross the Kristna river, 400 yards wide, a ferry boat here. At 4 m. 3½ f. Akulce, 185 houses. At 5 m. 3½ f. Diamance, 200 houses, 11 shops. At 5 m. 5½ f. cross a nulla 35 yards wide. At 5 m. ¾ f. cross another nulla 30 yards wide.
		Urg, or Arag	11	2	41	3	Tolerable road; country level; soil varies.	Wells inside the village, and a nulla.	Shops	300 houses; open encamping ground. At 3 m. 4 f. Bolwar, 40 houses, nulla, but no supplies; cross several small nullas to Derag at 6 m. 0½ f., 200 houses, supplies scanty, water abundant from wells. From this to Urg the road is rugged.
		Kompwar	0	5	61	0	Ditto	3 large wells, and pits in a nulla.	2 shops	200 houses; encamp E., among labool trees, on black cotton ground; wells near camp. At 3 m. pass Sheendwaree, 80 houses, nulla, no supplies; the country from Meeruj to this is a vast plain, with patches of cultivation.
	Collector at Belgaum.	Haimee P.	11	2½	68	2½	Road good, over a plain of black soil.	Good, from wells.	Abundant; large bazar.	1,000 houses; encamp SW., or in large tamara-riid grove to the E., with a fine well in a temple close by; cross two nullas from Kompwar to Moorpoodee at 6 m. 2½ f., 40 houses, on the right bank of the Agurnee river, which is crossed close by; no supplies.
Carried over				62	2½					

Authority		Name of Stage.	Distance		Road and Soil.	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles	Per stage	Miles	Per stage		
Collector at Belgawan.		Brought over		82 1/2				
		Asarghine	18 1/2	76 0	Road good; soil white and a little black and red.	Shade and a large slope with a good water.		20 houses, escarp to the N. on bank not very good, but no bar available, slope with 1/4 m to camp. At 8 or 1 1/2 hours 10 houses with but no supply; 3 small wells crossed from last village. Country open. Distance with walk little water.
Collector at Kaled ghar		Harwar	11 1/2	87 1/2	Road good; soil black & red, sandy, containing no bones.	A well of good water & a small lake here.		2000 ft. up; good overgrown ground NW. At 8 or 1 1/2 hours, 10 houses, 10 slope, wells at 4 miles. From Harwar cross 1000 small wells, open dry open and containing with little water.
Y. A. G. S. at a small village at Belgawan.		Takdash, or Charnag	9 3/4	91 1/2		Ditto	Small from wells 10 slope 3 wells and 1 large tank.	40 houses and a fort; escarp on a level plain to the N. and white and red, cross the Dur river in this stage.
Collector at Kaled ghar		Devgar, or Charnag	12 1/2	104 1/2	Road cleared	Open land, with good from tanks in all directions	Unspoiled, large tanks	At Table No 101
		Total		207 1/2				
		10 Marches						

From Kolar to Mysore by D.M. is as follows :-

[illegible]

TABLE No. 168.

## FROM KOLAPOOR TO DEOGURH, BY THE PHONDA GHAUT.

GENERAL DIRECTION, SW.

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.	Names of Stages.	Stage.	Total.			
			Miles.	Furlongs.			
			Miles.	Furlongs.			
General Officer Commanding Bolgaum District, Bolgaum.	Political Agent at Kolapoort.	From Kolapoort Post office to Parvata.	10 04	10 04	Made road, river and nulls bridged and drained.	River and wells ... None	100 houses; encamping ground N. At 1 m. 2½ f. cross Jattoochia nulla (bridged) and enter town of Kolapoort. At 2 m. 8½ f. end of town. At 5 m. 1½ f. top of Poonal Khind. At 7 m. 3½ f. Waseo, 200 houses, 2 shops, 10 wells, and a tank. At 10 m. ½ f. Dowallee, 20 houses. At 11 m. ½ f. Haldoo, 60 houses. At 12 m. 8½ f. Kothuloo, 100 houses.
		Khindoocha Harvada.	8 04	24 04	Ditto	Wells and nulls ... None	30 houses; encamping ground N. At 2 m. ½ f. Ghotowrah, 60 houses. At 4 m. 2½ f. Shorrah, 40 houses. At 4 m. 7½ f. Ambaroom Harvada, 60 houses. At 6 m. 6½ f. Owice, 60 houses. At 7 m. 7½ f. Unja, 50 houses.
		Shoogeechoo Waroo, near Walowra.	8 13	33 0	Ditto	Ditto	Procurable from Walowra about 1½ m. N.
		Dajapoort	10 0	43 0	Ditto	Ditto	10 shops
							12 houses and small hear; encamping ground N., dharmasala for 76 travellers; travellers' bungalow. At 1 m. 4½ f. Poyjoorn, 14 houses. At 2 m. 6½ f. cross a nulla 25 yards wide, bed sandy and stony; delay of 2 days after heavy rain. At 3 m. 2½ f. Waroo, 20 houses. At 4 m. 6½ f. Yojoon, 12 houses. At 7 m. 3 f. Mandroochoo waroo, 20 houses, and cross a nulla, 25 yards wide, delay of some hours after heavy rain. At 7 m. 7½ f. cross the Sholup nulla 20 yards wide, delay of some hours after heavy rain. At 8 m. 7½ f. cross the Bhogawtee river.
		Phonda Bazar, Government dharmasala.	0 04	53 04	Ditto	Nulls and wells ... 12 shops	17 houses and a small hear; encamping ground S. near the Government dharmasala and a large well. At 1 m. 2½ f. top of Phonda ghaut. At 7 m. 7½ f. end of ghaut, descent easy. At 8 m. 2½ f. Phonda village, 300 houses about 2 f. to right. At 9 m. 1½ f. Pimpulwaroo, 10 houses, 1 shop. At 9 m. 4½ f. cross the Phonda river (bridged).
Collector at Raungbherry.		Hudpid	12 04	65 4	Made road	Ditto	None
		Carried over.....		85 4			40 houses; good encamping ground N. At 1 m. 4½ f. road to Kharsapuran branches off to the right. At 1 m. 7 f. road from Malwan joins on left. At 5 m. 3½ f. Dhanyachoo khind. At 6 m. 7 f. Waroo Walowra, 15 houses. At 8 m. 7½ f. Madlee waroo, 10 houses. At 8 m. 6½ f. spring and tank. At 10 m. 2½ f. Seerbitla, 30 houses, 1 well. At 11 m. 4½ f. Kolooso, 40 houses, 6 wells. Country hilly with low jungle.





Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding Belgaum District, Belgaum.	Political Agent at Kolapoer.	Brought over.....	..	...	22	8½				
		Asnoolee.....	8	0½	31	1½	Cleared cart road, soil red.	Kulha ..... Scanty.....	50 houses; encamping ground E. At 1 m. 4½ f. Mangayehwaree. At 3 m. 1½ f. cross the Dhamnee river, 80 yards wide, bed sandy, banks muddy. At 3 m. 3 f. Mandooklee, 50 houses. At 4 m. 1 f. recross the Dhamnee river. At 5 m. 2½ f. Senowda, 20 houses. At 8 m. 4 f. Kakocra, 25 houses. At 8 m. 1 f. cross a nulla 13 yards wide.	
		Bowra (Gugun) .....	7	4½	38	0	Cleared road for 5½ m. the rest made.	Tank and wells ... 15 shops, no dorate, market on Thursdays.	300 houses and dhurumala; encamping ground E. At 1½ f. cross a nulla 15 yards wide. At 7 f. cross the Rapoon nulla 20 yards wide. At 4 m. Bangwee, 15 houses. At 4 m. 4 f. Maharowda. At 5 m. ½ f. cross a nulla 13 yards wide. At 5 m. 4½ f. Bowdaswaree. At 6 m. well and pagoda.	
	Collector at Ratnagerry.	Bhoos Bowra .....	4	1½	43	7½	A paved cattle road down the ghant and very steep in many parts.	Kulha and wells ... 3 shops .....	100 houses; encamping ground in fields, confined. The descent of the ghant is 1 m. 4 f. At 2 m. 4½ f. Hongaywaree, 20 houses. At 3 m. 2½ f. Bhurumunwaree, 3 huts. At 3 m. 5½ f. Kamaawaree, 6 huts.	
		Kharasputan P. ....	12	5½	...	...	A cattle track .....	Abundant .....	50 shops .....	400 houses, 1 dhurumala; encamping ground good and open to the E. Boats of about 40 oandies come alongside of the bundar at low water; the landing place is good. At 2½ f. Taboolwaree, 20 houses; cross 3 nullas, stony beds with water to Teerowda at 1 m. 1½ f. 60 houses, water from nulla. Cross 4 stony but easy nullas to Koombarwaree at 4 m. 1 f. 10 houses with water from nulla. At 5 m. 2½ f. Oombarda, 75 houses 4 f. left. Cross 2 nullas to Kolpio at 6 m. ½ f. 50 houses, and a well. At 6 m. 8½ f. Bhooorwaree, 6 houses. At 7 m. 1½ f. road branches off to Rajepoor. At 7 m. 5½ f. Toolwalwaree, 6 houses and a well. At 8 m. 1½ f. Toolwal, 50 houses, 4 wells. At 8 m. 6½ f. cross Sook river, 83 yards wide, stony bed, easy approaches. At 9 m. 1½ f. Bwana-chowwaree, 5 houses. At 10 m. ½ f. Oheo-chowlee, 13 houses. At 10 m. 6½ f. Oheo-chowlee waree, 6 houses.
		Total.....	...	...	55	5½				
		6 Marches.								

TABLE No 170.

FROM KOLAPOOR TO MALWAN, BY THE PHONDA GHAUT.

GENERAL DIRECTION, SW

[illegible]

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
			Miles.	Furlongs.				
There is another road from Kunkowlee to Malwan by Kutia and Booknawad as follows:—								
		To Kunkowlee .....	...	68	72	.....	.....	As above.
		Kutia .....	15	7½	70	64	Cleared road to Kunkowlee, the road made.	Wells and mulla. 17 shops, market on Fridays.
General Officer Commanding Belgaum District, Belgaum.  Collector at Hatnagaherry.								51 houses, dhurumala, and Police station, encompassing ground W. At 6 f. cross the God river, 108 yards wide, bed sandy, a small boat in the river. At 8 m. 1 f. cross a large mulla 40 yards wide, bed sandy, not fordable during heavy rain. At 8 m. 4½ f. Waroo, 10 houses. At 6 m. 6½ f. cross a mulla 23 yards wide, bed sandy at Dhurumala Awa. At 5 m. 6½ f. Koonkurwar, 20 houses. At 7 m. 2½ f. Kankule, 51 houses. At 7 m. 4½ f. cross a river. At 7 m. 5 f. Ranwacha Tem, 17 houses, and cross a mulla 35 yards wide, banks sloped, bed sandy. At 8 m. 5 f. Kunkul, 28 houses, 10 shops, market on Thursdays, 7 wells. The cleared road to Vin-gur branches off to the left. At 9 m. 3½ f. top of Kupricha ghauts. At 10 m. end of descent and Dongurwar. At 11 m. 1 f. cross a mulla 23 yards wide, bed sandy. At 11 m. 5½ f. recross the mulla. At 12 m. 1 f. Booknawad 40 houses, 25 shops, market on Saturdays, 10 wells and dhurumala. At 12 m. 2½ f. cross a mulla. At 13 m. 7 f. Jeerwar, 15 houses, 2 wells. At 13 m. 6½ f. Sawantwar, 15 houses, 4 wells.
		Malwan, Mamintdar's Kutcherry, P.	18	1	...	...	Made road .....	Abundant .....
							Abundant .....	Abundant .....
		Total .....	...	82	74			
		8 Marches.						

TABLE No. 171.

## FROM KOLAPOOR TO RAJAPUR, BY THE UNNUSKOORA GHAT.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.					Miles.
General Officer Com- manding Belgaum District, Belgaum.	Political Agent at Kolapoor.	From Kolapoor Post Office to Yokoj.	0	4½	0	4½	Made road for 2½ m. the rest a cattle track over black soil.	Wells ..... None .....	215 houses. At 1 m. 4 f. cross Jutticha mulla (bridged), and pass through the sub- urbs of the town of Kolapoor for 1½ m. At 5 m. Singapoor, 250 houses. At 6 m. 4 f. cross the Panch panga river, 115 yards wide, bed sandy, fordable in November. A ferry boat at Denevda about a mile up the river. At 7 m. 4½ f. Koonpur, 150 houses and dhurumala.
		Carried over .....	...	...	9	4½			

TABLE No 170

## FROM KOLAPOOR TO MALWAN, BY THE PHONDA GHAUT.

GENERAL INFORMATION, &amp;c

Authenticity		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Miles	Fathoms				
Military	Civil		Miles	Fathoms				
General Officer Commanding Bangalore District Bangalore	Colonel at Bangalore	From Kolapur to Phonda River	11	04	84	01		See Table No 168
		Mangar Warre	9	11	78	01		Large village, 450 houses, dharmashala, Post office and Police station; occupying ground on the banks of the river. At 1 m 41/2 road to Wagaira and Bangalore road as off to the right. At 2 m 7/2 road to Durgach to the right. At 3 m 4/2 Kumbhwarre 45 houses 3 wells. At 4 m 3/2 Kumbh, 45 houses 2 wells. At 5 m 5/2 a spring of good water and commences a short ascent. At 6 m 5/2 top of Kumbhwarre dharmashala. At 7 m 5/2 end of ascent, way for carts. At 8 m 1/2 Kumbhwarre 15 houses and 1 well. At 9 m 7/2 Kumbhwarre 80 houses and 4 wells. At 10 m 4/2 Warre 6 houses and 1 well. At 11 m 1/2 A dharmashala. At 12 m 8/2 across the Durgach river, 300 yards wide, banks low, bed sandy a small boat here in the river. At 13 m 0/2 dharmashala, and the road ends in Wagaira branches off to the left here.
		Fourages Bag	7	7 1/2	61	01		leaves good occupying ground on the banks of the God river. At 2/2 Police dharmashala. At 3/2 Kumbhwarre or Asur Mat, 80 houses, 3 wells. At 4 m 1/2 Kumbhwarre 80 houses. At 5 m 3/2 Kumbhwarre 3 houses. At 6 m 3/2 Kumbhwarre, 40 houses. At 7 m 4/2 across the Durgach river, 45 yards wide, bed sandy, a small boat in the river. At 8 m across a large well. At 9 m 5/2 Kumbhwarre 15 houses. At 10 m 7/2 Kumbhwarre, 45 houses and a large well (to Bangalore). At 11 m 4/2 100 houses, 4 wells and a fort. Country hilly and covered with low jungle.
		Malwa Mandal's Kumbhwarre	11	3				20 houses, occupying ground N. At 1 1/2 across the God river, 180 yards wide, bed sandy, a small boat in the river. At 2 m 3/2 Kumbhwarre, 100 houses and 3 wells. At 3 m 1/2 Warre, 80 houses. At 4 m 3/2 Kumbhwarre Warre, 30 houses. At 5 m 1 1/2 across the Harwar river 80 yards wide, bed sandy, a small boat in the river. At 6 m 0/2 Kumbhwarre, 80 houses and 3 wells. At 7 m 1/2 Kumbhwarre for about 80 yards long. At 8 m 4/2 across a large well.
		Total			28	04		A superb town, 8173 houses, Mandal's Kumbhwarre, Mandal's court, Police station, a good large dharmashala and Post office; occupying ground N. At 3/2 Kumbhwarre 30 houses and commences a short ascent. At 4 m 1/2 top of ascent. At 5 m 0/2 commences descent. At 6 m 1/2 end of descent. At 7 m 5/2 Kumbhwarre, 80 houses, 3 wells. At 8 m 0/2 Kumbhwarre dharmashala. At 9 m 1/2 top of another ascent. At 10 m 5/2 commences descent of Adhwa dharmashala. At 11 m 1/2 Adhwa 80 houses, 1 well. At 12 m 2/2 across the creek, 180 yards wide (Kumbhwarre). At 13 m 1 1/2 Adhwa 80 houses, 4 wells. At 14 m 3/2 road from Kumbhwarre goes on left. At 15 m 5/2 enters the town of Malwa.
		3 Kumbhwarre.						



Authority		Name of Bridge	Distance		Road and Soil	Water	Supplies	Remarks	
			Fathoms						
			Miles.	Fathoms					
Military	Civil								
General Officer Commanding Baguio District, Baguio.	Political Agent at Kulu-Yau	Brought over			0	41			
		Shangpan River	10	1	19	41		Cattle track over Mahehara soil	Wetly known on Tuesdays
	Political Agent at Kulu-Yau	Umanhara	18	8	28	24		Ditto	Harsh and walls
									4 slopes 1 1/2 m. further on
									20 houses. At 2 m. 1/2 / Kame Kham At 3 m. 4 1/2 / Mahapang 20 houses. At 4 m. 1 1/2 / Panchana, 20 houses. At 5 m. 1 1/2 / Pancha 100 houses. At 6 m. 4 1/2 / across a mile 10 yards wide, delay of a few hours after heavy rain. At 7 m. 4 1/2 / Pancha, 20 houses
	Collector at Baguio	Kanapattan	10	21	28	41		Cattle track to the Red Wells & the plant. The road is a cleared road	8 slopes
									210 houses and Pal co chowlay At 3 1/2 / road from Mahapang ya m on right. At 1 m. 1 1/2 / across the Gaurava river 20 yards wide. At 1 m. 4 1/2 / Umanhara house and a large Chauramala for 200 m. good on coming ground near it. At 2 m. 1 1/2 / top of Umanhara plant. At 4 m. 1 1/2 / Pancha 40 houses and Pal co chowlay at the foot of the plant. Cattle track along and uphill. At 4 m. 1 1/2 / across a mile. At 5 m. 1 1/2 / Kanapattan, 120 houses and Chauramala. At 6 m. 7 1/2 / across a river, delay of some hours after heavy rain. At 8 m. 4 1/2 / Panchana 200 houses 5 slopes.
	Collector at Baguio	Shangpan River	18	8				Abandoned	A large village about 1 000 houses on the Mahehara river 2 diamantara occupying ground in a loop of river. A good landing and landing place made of about 20 poles once up to the border at high water. At 8 m. 4 1/2 / across the Mahehara river 40 yards wide bed sandy, a narrow wooden bridge put up by the villagers every year on the river. At 6 m. 4 1/2 / Mahehara 278 houses 20 slopes. At 6 m. 4 1/2 / 8 m. 4 1/2 / and 8 m. 6 1/2 / across a mile 20 yards wide bed sandy banks sloped. At 11 m. 1 1/2 / between 120 houses. At 14 m. 1 1/2 / Red traps and across a mile. At 15 m. 4 1/2 / Chauramala at Kanapattan
		Total			88	71			
		5 Merguon							

Note.—The road by the Shangpan River and Kanapattan is 7 m. 41 f longer

Kulu-Yau to Kanapattan	10	1	1 mile Table No. 109
Kanapattan to Baguio	11	1	1 mile Table No. 113
Total	21	2	

TABLE No. 172.

## FROM KOLAPOOR TO SATTARA, BY KURBAR.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Furlongs.				
General Officer Commanding Forces Division, Poona.	Collector at Sattara.	From Post Office at Kolapoore to Kharve.	14	8	Made road unrolled & bridged.			1794 Table No. 186. (2)
		Kharve	8	7	Ditto			
		Kandhara	9	3	Ditto	Talka and wells.	3 sheep, some Latas, Turkeys and Chickens.	
							250 houses and a dharmashala; occupying ground 8. At 7 f. Warye, 10 houses. At 8 m. 8 f. cross the road from Dattar's dharmashala to Kolapoore. At 8 m. 8 f. Post, 200 houses, 12 sheep, market on Wednesday. At 4 m. 6 f. a well. At 6 m. 2 f. Motikh. 1,800 houses, 22 sheep, dharmashala, Post office, and travellers' bungalow. At 7 m. 3 f. Warye, 25 houses.	
		Kharve R.P.	10	4	Ditto	Abundant from Khambhat river and wells.		A small town, 1,200 houses, a large dharmashala, travellers' bungalow, dharmashala, and Post office; occupying ground 8. At 8 m. 2 f. cross the Khambhat river (bridged). At 8 m. 5 f. Warye, 100 houses, 3 sheep. At 7 m. 3 f. Kandhara, 15 houses. At 8 m. 6 f. Kolapoore; a small village.
		Dattar P.	10	1	Ditto	Ditto	30 sheep, some Latas, Turkeys.	250 houses and a dharmashala; occupying ground 1/4 of the road. Cross the Khambhat river near Kharve (bridged). At 2 f. the main road to Chikham branches off to the left. At 7 m. 7 f. Warye, 25 houses. At 8 m. 4 f. Kharve, 125 houses. At 8 m. 6 f. cross the Khambhat river (bridged).
		Kharve R.	9	0	Ditto	Ditto	3 sheep.	200 houses; occupying ground on right near the (travellers' bungalow). At 4 f. cross the Talka river (bridged). At 8 m. 8 f. Kandhara, 125 houses.
		Sattara Post Office R.P.	12	5	Ditto	Abundant	Abundant	A large town, 1,200 houses, and surrounded with travellers' bungalow, Post and Telegraph offices. At 2 m. 8 f. Latas, 125 houses, 4 sheep. At 3 m. 7 f. cross the Khambhat river (bridged). At 8 m. 8 f. Kharve, 60 houses, 3 sheep. At 7 m. 8 f. road to the town of Sattara branches off to the left. At 8 m. 8 f. Khambhat. At 9 m. 6 f. Kharve. 2,000 houses, 25 houses. At 11 m. 5 f. road from Khambhat joins on right. At 11 m. 7 f. Gharve, 50 houses.
		Total.		78	4			
		7 Mares.						

KEY.—Purchased occupying ground marked out at Kharve, Kandhara, Kandhara, and Kharve.





TABLE No 173 (2)

FROM KOLAPOOR TO SAWUNTWARRE, BY THE HUMMUNT GHAT.

GENERAL DEFLECTION, SW

[illegible]

**PERSONAL OFFICER C** [REDACTED] 4110 DOWNEY ST., HAZLETON, PA.



Antiquities.		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS		
Ministry	On R		Stages		Total							
			Miles	Perches	Miles	Perches						
General Officer Commanding Madras District, Bangalore	Political Agent S. M. Country at Bangalore	Collector at Bangalore	Brought over			44	41					
			Stage	7	8	28	41	Very stony and bad with numerous holes, excepting between Bangalore and Koodla where it is pretty good, country rather hilly, few wells on the left of the main road.	Wells with water all the year, and wells	Abundant, 12000 houses, 4/1 left of the road, occupying ground B and KH of the village, but stony. Cross two miles to Koodla village, 3/1 left, at 8 = 4 1/2 water from wells and ponds. Cross two more miles, and at 8 = 1/2 Koodla, 80 houses, water from wells and wells for tea fields, no supplies.		
			Stage	28	0	78	81	First mile tolerable, then very bad rocky, and stony to Koodla, and through range of hills, afterwards tolerable.	20 wells, and Belur, river, the latter dried about March, but ponds are dug in the bed, none in hot weather.	2000 houses, steep N and in all directions, in good ground, a tops of trees on the head of hills for travellers. At 8/1 cross rocky hills with water and small wells. At 8 = 4/1 rocky hills with temples. At 8 = 1/2 Koodla, 100 houses, Koodla, wells, and wells, no supplies. Cross 8 miles, and at 12 = 4/1 the Belur a branch of the Mysore river. Country rocky, hilly, and wooded, cultivated from Koodla.		
			Stage	13	3	91	84	Good dirt road, sandy over a sand plain, to Koodla, thence bad and rough, and in parts sandy.	Good water, from 20 wells across in the hot season. Some river is about 8 = 1/2 with water all the year.	100 houses, occupying ground all round. At 4 = 1/2 pass Koodla, 80 houses, 3 wells. Cross mile with water, and at 7 = 8/1 Koodla, 80 houses, water from wells. Occupying all round at these villages, in rich good ground. Country cultivated.		
			Stage	18	4	109	88	Road tolerable for 5 miles, and white sand, with patches of light black ground here and there, to Koodla, a head of a hill, and in parts sandy.	5 wells, water good and a mile all the year.	100 houses, occupying ground B, high and good. At 3 = 1/2 pass Koodla, 180 yards wide, bad sandy and rocky, heads rather steep. At 4 = 4/1 Koodla, 60 yards wide, sandy bed, easy banks, good water in both hills. At 4 = 4/1 Koodla, 80 houses, water from 6 wells, and wells, till March. Cross a mile with water at 8 = 1/2, and two others to the end of the stage. Country cultivated, generally open, and slightly undulating.		
			Stage	7	8	116	95	Tolerable dirt road, but very bad, and in parts rocky.	11 wells	Abundant	2000 houses, and afterwards a walled town with fort, occupying good ground on the B side, and all round on cultivated ground. A road branches from this to Panduranga. At 1 = 1/2 pass Koodla, wells, with water all the year, easy banks.	
			Stage	9	7	125	104	A excellent dirt road, very good, and in parts, to Koodla, thence bad and rough, and in parts sandy.	Tolerable, water from 3 wells, and the Koodla river.	2000 houses, steep N and in all directions, in good ground, a tops of trees on the head of hills for travellers. At 8/1 cross rocky hills with water and small wells. At 8 = 4/1 rocky hills with temples. At 8 = 1/2 Koodla, 100 houses, Koodla, wells, and wells, no supplies. Cross 8 miles, and at 12 = 4/1 the Belur a branch of the Mysore river. Country rocky, hilly, and wooded, cultivated from Koodla.		
			Stage	11	0	136	115	Road over black soil, stony and rough in many parts, but tolerable for carts.	10 wells good.	2000 houses, steep N and in all directions, in good ground, a tops of trees on the head of hills for travellers. At 8/1 cross rocky hills with water and small wells. At 8 = 4/1 rocky hills with temples. At 8 = 1/2 Koodla, 100 houses, Koodla, wells, and wells, no supplies. Cross 8 miles, and at 12 = 4/1 the Belur a branch of the Mysore river. Country rocky, hilly, and wooded, cultivated from Koodla.		
			Carried over			136	115					

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Ministry	Offl.		Miles Parangs	Miles Parangs				
General Officer Commanding Force Frontier, Punjab	Collector of Shahpore	Brought over Shahpore Fort Gate S P T	15	53	To Turchak a cart track alternated over a cultivated piece; the remainder made		Woodcut	Turchak, 1 mi. and sand covered; travellers' hospi- tality, Post and Telegraph offices. At 4 m 41/2 / Singollee and Turchak, on either side of the road, 80 houses on the S bank of the Ghara river which is crossed by a small bridge. On W bank at 8 m 1/2 / Turchak, 220 houses, 3 shops. At 8 m 3/4 / Bhavran temple. At 10 m 3/4 / Dahagran, 160 houses, 3 shops. At 12 m 41/2 / across a canal (bridged). At 13 m 1/2 / across the railroad. At 15 m, 5 1/2 / road to the Native Industry Lines and Post office branches off to the right.
		Total		148				
		15 Mares		72				

TABLE No 175

FROM KOLAPOOB TO VINGORIA, BY THE PHONDA GHAUT.

GENERAL DIRECTION, SW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Ministry	Offl.		Miles Parangs	Miles Parangs				
General Officer Commanding Madras District, Madras	Collector of Madhavaram	Phonda Agar 1 1/2 m. Kolapoor to Kolapoor Phonda House		51				Table No 162 Table No 170 Table No 118
		Kichikole	11	62				
		Kamal	8	70				
		Kavai	12	82				
		Vengala new house	14	96				
		Total		96				
		9 Mares		8				

TABLE No 176.

## FROM KOLAPOOR TO VIZIADROOG, BY THE PHONDA GHAUT.

GENERAL DIRECTION, W

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles. Furlongs	Miles. Furlongs				
General Officer Commanding District Pudukottai	Collector at Madhavaberry	From Kolapoore 1 horse team	16	53 01	Good made road with one bridge or dunes	Dargah river	None	File Table No. 186  40 houses occupying ground N on bank of the river. At 1 m S of made road to Vin goda branches off to the left. At 5 m 1/2 Vagayee 40 houses, 4 wells, main and a good dargah for travellers. At 8 m 1/2 a temple. At 5 m S of Pambaswamy 50 houses, water from well. Country open
		Pudukote	3 0	60 01				
		To Vandiango	25 7 1/2		General road			File Table No. 181 (1)
		Total		85 04				
		9 March						

TABLE No 177

## FROM KURRACHEE TO GWADUR, BY SONMHEANKE AND OORMARA

GENERAL DIRECTION, W

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles. Furlongs	Miles. Furlongs				
General Officer Commanding Districts Kurachee, Sind, Beluchistan, Kurrachee	Collector at Kurachee	Kurrachee. Canton ment to Habb river	16 8	16 8	Good hard road parts rocky	Abundant & good from a stream and a pond well on the right bank	None grass sown	No village had a fine well on the Habb river. At 1 m S of across the dry sandy shallow bed of the Kurachee river. At 3 m S of a shallow well of the sea. At 4 m S of and 5 m S of the Pindies and Pindies beds dry. At 10 m S of and 12 m S of across low sandy ridges of no difficulty. At 16 m S of a sandy well, and from thence through the jungle to the Habb which has a sandy and sandy bed of 400 yards with low, dry banks. The Kurachee jungle abundant in and near the river.
Inspector of Revenue, Kurrachee	Political Agent at Kurachee	Pudukote	14 7	22 2	Tolerable road sandy and rocky, with some deep ruts in to cross	Good, from two or three large Pindies wells and to be had by digging 9 or 10 feet		No village seen wells at the mouth of a river near the sea, under which which runs into the sea half a mile N. Over Habb river and a well, and pass over a hard dry place, sprinkled with redclay, for 8 m then enter the Kurachee Lake a narrow pass to the Pab mountains sandy, but easy
		General over		30 1				

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Package	Miles	Package		
BRASCHERIAN, KEMAS TRANSPORT	Political Agent at Kivindu.	Drought over		80	1			and gradually rises up. At 8 a. m. some tracks and a small tank. At 5 a. m. 1/2 across the sandy bed of the M. stream river with many holes; a bushy well a 1/2, to 1/2 deep. At 12 a. m. across the M. stream deep and the right bank slope and at 1/2 the left sandy and easy. Between these two, across the deep sandy stream is rising from the P. stream on the right side of them. From the M. stream you are over an undulating sandy landscape and descend by a winding path to the mouth of the M. stream, near the sea shore.
		Good	8	8	86	1		Good road over a hillside from two to three level sandy plain with this jungle. Three bushes with and to be lost by 1/2, 1/2 or 1/2.
		Mountainous	13	8	80	1		Road for 11 a. m. as above level & good; then over sandy and rocky hilly ground. Tolerably steep and from water. But all more or less bushy.
		Shade	26	0	73	1		Road bad, heavy mud and very swampy. Abandoned from village. Bushy area.
		Clear	13	8	84	1		Tolerably good sandy. Obtainable from a pool; stream in the hot weather.
		Clear over		84	1			

BALACHUTIA, KUMBAT TUMBHAT

Authorities.		Name of Stage.	Distance		Road and Soil	Water	Supplies	REMARKS.	
Ministry	Off.		Stage	Total					
			Miles	Packages					
BALACHUTIA, KUMBAT TUMBHAT	Petitioned Agent at K. K. K.	Brought over		81	1				
		For	15	0	1	Tolerably good, sandy and rocky	Abundant in the river For	From the clearing the road takes a westerly direction (see note) and skirts the Bazaar Hill range for about 18 m. This for the road is over a hard sandy soil. It now takes a westerly course and crosses a low ridge of the above-mentioned hill by an easy pass, which although rocky presents no difficulties for passage. At 2 m. beyond the pass lies the river For from which the surrounding ground takes its name. No indication or workings of any sort here. Abundance of good water procurable from deep pool in the bed of the river about a mile below the surrounding ground. This river like most others in this country is solely dependent on rains falling in the higher mountains for water.	
		Hoare	7	0	1	Good, sandy	Sandy and bad	No	The road lies over an open sandy country; surrounding ground at the foot of the above low and hills where there is a well of very brackish water. The Hingay pilgrims generally halt here for the purpose of paying a visit to some most religious called Balaichutia's house which is at a distance of 11 m. and SW of this place. There are 2 wells of brackish water called the Bopai wells about a mile on the other side of these hills from which water can be easily obtained.
		Chota Bungal	12	0	1	Tolerably good, sandy	Scarcely	No	From Hoare the road lies over a sandy plain for about 7 m. when a narrow stream of hot lava 1 and with perceptible banks of about 18 feet is crossed. These banks are, however, of very loose sand, and the narrow stream track could be easily widened. About 3 m. further across the river Chota Bungal and 2 m. beyond this is the Bazaar Bungal river with 2 wells in its dry bed. Surrounding ground for a quadrant of country on the right bank, among rather high hills and low jungle; no indications.
		After	12	0	1	Tolerably good, sandy	Good, in some places	Abundant supply of timber, large and small, and wood abundant	The road lies along the base and at a few hundred yards distance from a low range of hills with a quarter of a mile from the surrounding ground. At 6 m. a good 18 runs through a shaft between two low sandy ridges, and immediately beyond at the hillside ground on the left bank of the river After in which there is always water. A Bazaar Bungal here and has generally a good supply of food and grain, mostly obtained, however, for the wants of the Hingay pilgrims who halt here after visiting the sacred shrine of Hingay which is about 5 m. from this place. There are no other indications here of any sort.
		At the end	10	0	1	Bad, sand and shingle	Abundant river	From the surrounding ground on the After the road takes a direct westerly course in the valley of this river which is about 11 m. from the Bazaar Bungal, however, are above a large a lower and with 3 exceptions the banks are perpendicular and necessary to cut a pathway for the cattle to pass. Surrounding ground is a Bazaar Bungal on right bank of the river After. No indications of any sort.	
Carried over									

[illegible]



Assessment.		Number of Horses	Distance		Road and Soil	Water	Supplies	Remarks.																																																																									
Number of Horses			Total.																																																																														
Military	Civil		Miles.	Package					Miles.	Package																																																																							
Brought over	Caval	Brought over	15	0	181	1	Pretty good, sandy and stony	Good water from a pond	None, wood and traps scarce	The road lies over a country similar to that of the previous march, but as it approaches a range of hills known as the Molekuk Range, it becomes more stony. At 9 m. the dry bed of the Molekuk river is crossed. No inhabitants. Water only obtainable after rain.																																																																							
											Brought over	21	0	367	1	Unobtainable, sandy and stony	Good water for a stream	None	For the first 6 m. the road skirts the Molekuk. Road hills at then cross through a mass of low rocky ridges for about 9 m., when it runs on to the flat sandy country near the seashore. At 20 m. the mouth of the Kikal river is reached at high tide, but to be crossed. No inhabitants. The stream from which water is obtained is dependent on rain.																																																														
																				Brought over	19	0	516	1	Good, sandy	Good	None	At a short distance from the encamping ground the mouth of the Molekuk river is crossed, then into the mouth of the Kikal river, only possible at low tide. The road lies along the sea beach till within a short distance of Panna, when a long distance has to be made on account of the Molekuk river which is impossible for some distance from the mouth. Panna continues about 70 m. and lies on a road set. No Buryals made here, and the Molekuk river entirely on flat and dense. The water very brackish.																																																					
																													Brought over	10	0	626	1	Unobtainable good, sandy	Good water from a pond	None	Encamping ground on a bit of level country surrounded by sand hills. In the eastern there is a small wall of brackish water. No inhabitants.																																												
																																						Brought over	16	0	812	1	Good, sandy road, but water is a pond	Good water from a pond	None	Encamping ground at the foot of some low hills. No inhabitants. At 20 m. some the Molekuk river, a rapid stream about 20 yards broad, depth about 3 feet, bottom sandy.																																			
																																															Brought over	17	0	1000	1	Unobtainable good	None	None	The road lies over a level country sparsely with date trees. At 11 m. across a river, about 100 yards wide deep enough to cross banks and rocky bottom. The river is filled with sea water at high tide for many miles inland. Encamping ground in a grove of date trees. A few huts at this place.																										
																																																								Brought over	15	0	1075	1	Good, bad, sand and stony	Good water from a pond	None, wood and traps abundant	The road lies over a level country for the first 6 m., when it winds along the course of a small stream among low dry hills. This stream, if such as no place of any depth, but it is crossed continually from either encamping from this course the river becomes bad and covered dry except after rain. No encamping ground on right bank. No inhabitants.																	
																																																																	Brought over	20	0	1100	1	Good, sandy	Good from wells	Abundant wood and traps obtainable	Soon after leaving Panna the road runs on to the sea beach and continues along it the whole way. Gunder is a large fishing village containing about 200 huts and a fort. There is a considerable house and about 50 Buryals have camps here. Encamping ground K.								
																																																																										Total	80	1					

NOTE.—This route was made by a detachment of 80 men of the 10th Cavalry to the command of Lieut. R. Campbell in 1888.

In the whole distance of 1201 miles supplies only procurable at two places, Burmesee 80 miles and Oorah 221 miles from Panna. Water and traps obtainable at most of the halting places, but often neither very good nor sufficient for a detachment of greater strength.

TABLE No 178.

## FROM KURRACHEE TO JACOBABAD, BY SUHWAN AND LARKHANA

GENERAL DIRECTIONS, &amp;c

Administration		Name of Stage	Distance				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total						
			Miles	Furlongs	Miles	Furlongs				
		Kurrachee Post Office to Bhakrawa	10 05	10 01						
		Bhakrawa or Disman	9 3	17 31						
		Gedra, Maler River	9 31	27 02						
		Khechaga Larkha	8 1	35 14						144 Table No 181 (B)
		Trak	14 23	49 41						
		Dumrah	19 0	67 41						
		Shakrawa Dharan	18 5	73 05			Good cleared road over hard soil.	Abundant and good from the Suwan river	Do, but small for age	Overgrown and good occupying ground to the W. At 8 m 31 f across the road from Bhakrawa Khana Thana to Almad Khana At 10 m 05 f across the Suwan river 80 yards wide bed sandy and heavy
		Khechaga Dharan	10 71	84 8			Do.	Do	Do, canal bridge and dykes plentiful	Overgrown and good occupying ground, seen after leaving Bhakrawa drive a mile 45 yards wide. At 8 m 31 f across another mile 45 yards wide. At 8 m 1 f across a mile 74 yards wide. At 10 m 5 f across the Suwan river 74 yards wide, bed sandy. The cleared road to Tong branches off to the left here, some several small miles in the stage
		Fakrawa Dharan	8 5	94 0			Do.	Abundant from the Fakrawa river	Do	Overgrown and good occupying ground. At 8 f K Bhakrawa River's bank At 3 m 31 f across the Fakrawa river 100 yards wide. At 8 m 71 f reaches the river to Fakrawa.
		Malur Dharan	13 8	108 8			Do.	Abundant from the Malur	Do	Do, overgrown and good occupying ground. At 9 m 31 f across a mile 40 yards wide. At 8 m 31 f across another 44 yards wide
		Delekh Dharan	11 05	119 51			Do	Abundant, from river	Do, canal bridge plus 1500	Overgrown and good occupying ground upon bed rocky. At 8 m 31 f across the Jering river 274 yards wide, bed sandy. At 8 m 31 f reaches the river. At 8 m 05 f the road runs for 107 yards in the bed of the river. At 4 m 4 f the Jering River 61 f long. At 8 m 31 f across a mile 1/2 miles of the Jering and of Bhakrawa river, 81 f wide bed sandy and heavy
		Jhangrahi Dharan	15 64	135 15			Do	Abundant from Bhakrawa, Larkha wells	Abundant, lower	A large village with lower Police station and a large dharmashala, occupying ground good to the W under a top of 1500 ft. At 3 m 71 f across a mile of the Suwan river 432 yards wide. At 8 m 31 f across the Bhakrawa river 100 yards wide. At 11 m 71 f a Fakrawa's bed and Bhakrawa bed ground "Four Acres" At 12 m 71 f has 20 houses and 8 shops about 81 f. At 13 m 21 f road to Phakrawa branches off to the left
		Current over		132 41						

Authorities		Kamot of Bridge	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Village	Parings					
Collector at Kanyashere									
		Throught over		183 11					
		Belwa B F	11	3	110 7	Good cleared road over sandy soil	Abundant good	and Abundant, leaner	A town with houses, blacksmiths, carpentry, Police station, travellers' bungalow, Post office, Kachwa's latiberry, Subordinate Judge's Court and Deputy Collector's bungalow occupying ground good and open for a large farm to the N.W. At 1 m 31/2 cross a small 77 yards wide. At 2 m 11/2 road to Boko branches off to the left. At 3 m 21/2 Boko 80 houses, 18 shops. At 4 m 11/2 Kachwa, 12 houses and 8 shops. At 5 m 71/2 cross 70 houses, 1 shop. At 6 m 61/2 Kachwa, 80 houses, 5 shops At 10 m 41/2 cross the Indian Valley State Railway
		Abundant Boko- sandy	8	2	110 02	Good wide road, dry ed country generally open and fertile	Unsettled, from well and a large dam	1 shop. For 18 houses and 21 animals occupying ground to the left. At 1 m 11/2 cross the Arral river, 77 yards wide bridged. At 2 m 21/2 another road to Boko branches off to the left. At 3 m 61/2 Chikwa, 14 houses. At 4 m 41/2 Boko, 25 houses, 1 shop. At 5 m 21/2 left Kachwa Chikwa, 80 houses, 14 shops. At 6 m 41/2 Tander Kachwa, 80 houses, 3 shops, about a mile to the left. At 7 m 21/2 Kachwa, 70 houses, 1 shop. At 8 m 21/2 Aba Kachwa cross 40 houses, 1 shop, and road from Arral runs on left. At 9 m 61/2 road to Boko and Boko branches off to the left and to Talo on the right. At 10 m 21/2 cross the Talo canal, 60 yards wide, bridged.	
		Chikwa, Tander B F	11	1	109 11	Ditto	Abundant, well	From Abundant, leaner	A large village with houses, Police station, blacksmiths, Kachwa's latiberry, school, Post office, and travellers' bungalow, oc- cupying ground 877 At 1 m cross the road, from Boko to Talo. At 2 m 61/2 Chikwa, 30 houses 3 shops, about 31/2 W. At 4 m 21/2 Boko 15 houses. At 5 m 61/2 Tander Chikwa 20 houses, 3 shops. At 6 m 11/2 Kachwa, 18 houses, 5 shops. At 7 m 11/2 Gate River Land, 800 houses, 4 shops. At 8 m 11/2 Kachwa, a few huts. At 11 m 11/2 Kachwa, 20 houses, 3 shops. At 12 m 11/2 31/2 Kachwa, a few huts. At 13 m 61/2 old cleared road from Belwa by Talo runs on right. At 14 m 81/2 road to Joba branches off to the left.
		Devon Kachwa Chikwa	7	11	172 6	Ditto	Good, from wells	3 shops	60 houses, occupying ground 8 At 1 m 61/2 Abundant Kachwa, 80 houses. At 2 m 41/2 cross the road from Boko to Talo, the latter about 21/2 to the right, 80 houses, 18 shops.
Collector at Mubwape									
		Kachwa (old)	9	11	183 71	Good wide road, from 1 1/2 to 8 m 11/2 the road is raised on an earthen embankment	Abundant	1 shop	10 houses, occupying ground good. At 1 m 21/2 cross the road from Talo to Talo 11 m on the Indian, about 81/2 on right 9 houses, 1 shop, and an old blacksmith. At 2 m 61/2 Kachwa, 80 houses, 18 shops. At 3 m 61/2 Chikwa, 80 houses, 11 shops. At 4 m 61/2 Kachwa, 80 houses, 3 shops. At 5 m 71/2 old Kachwa, 80 houses, 4 shops. At 6 m 11/2 road to Kachwa (new) runs off to the left. A village of 25 houses, 5 shops and a travellers' bungalow 8 m 61/2 west.
		Abundant B.	11	11	180 1	Good cleared, level and good, bridged	From wells and land	From Abundant in 7	80 houses and travellers' bungalow occupying ground cleared. At 1 m 21/2 Gate Kachwa Kachwa At 2 m 41/2 Kachwa, a large village, and the road from Kachwa runs on left. At 3 m Kachwa, 80 houses and a road to Kachwa branches off to the right.
		Cleared over		180 1					

General Officer Commanding High District, Kanyashere

Authorities		Section of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages				
		Brought over		100 1				At 8 m 4 / road to Khyapoor branches off to the left and pass Wahan Station on the right
		Madan	8 7 1/2	224 04	Road cleared level and abundant good, bridged		5 shops	20 houses on the bank of the Sora, occupying ground 11 At 4 / across the road from Sora to Madan At 4 m 8 / across the road from Madan to Sora
		Madan	30 1 1/2	225 02	Do	Wells and canal	5 shops	20 houses travellers bungalow and Sora, m. occupy ground 11 At 8 m across the Sora Sora, At 7 m Lohia Sora, At 8 m 8 / across the Sora 1 mile
		Shangyuan Lohia	10 7	236 04	Do	Do	5 shops	10 houses O'Connell's bungalow on left. The Sora is 8 / off occupying ground NW At 1 m Fuli a bungalow At 8 m Sora At 8 m Gogor At 10 m 7 / road to Sora branches off to the right
		Shangyuan S P	8 1 1/2	244 04	Do	Abundant	Abundant	The chief town of the Daping Collection of the Sora is at 8 m on the S bank of the Sora canal. The principal buildings are the Sora O'Connell's bungalow a large travellers' bungalow and the Sora.
		Shangyuan Dora	18 8	262 04	Road good throughout sandy soil on S bankside bank bridge within all bridged	ponds with good water	20 shops	A village with a bungalow, occupying ground NW The large village of Sora Dora is 8 m west At 11 / from Sora 200 feet broad by a pond bridge At 4 m S / Fuli Sora a small village 1 shop 5 ponds with The road to Sora here branches off to S At 7 m S / Sora At 10 m Sora Sora
		Shangyuan Sora	11 0 1/2	273 04	Road rather heavy through cultivation within all bridged	ponds with good water, but deep	20 shops	A small village At 4 m S / Sora Dora a large village 20 shops 10 wells a bungalow, Sora's bungalow Police station and Post Office
		Shangyuan Sora	10 8	283 04	Road heavy and sandy with much bungalow on each side within all bridged within the Sora the country is cultivated during the Sora season	ponds with good water, but deep 2 feet of water	20 shops	A small village At 8 m S / Sora Dora a large village 20 shops 10 wells a bungalow, Sora's bungalow Police station and Post Office
		Shangyuan Sora	8 1 1/2	291 04	Road heavy, across 18 miles, all bridged from Sora Dora cultivation on both sides	Abundant	Abundant	The chief town and head quarters of the Military Service of the Upper Sora Frontier District. It is situated in latitude 26° 15' N and longitude 86° 30' E, and is about 180 feet of its own level At 8 m S / Sora a few houses, 4 shops 5 ponds and 8 ponds with At 8 m S / Sora Dora a small village, 8 shops water from 8 ponds with, and from the Sora canal, 40 feet broad, and bridged
The old cleared road from Sora to Sora is as follows:-								
To Sora as above				144 04				
Total			8 7 1/2	144 11	Cleared road but not kept in repair	ponds with good water	20 shops	20 houses, all Sora, cultivation, occupying ground NW At 4 / across the Sora Dora a few houses, 4 shops 5 ponds and 8 ponds with At 8 m S / Sora Dora a small village, 8 shops water from 8 ponds with, and from the Sora canal, 40 feet broad, and bridged
Carried over				144 11				

Go and Office Commanding is to Sora to Sora to Sora

Shangyuan Sora to Sora to Sora

Shangyuan Sora to Sora to Sora

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Sind District, Kurrachoe.		Collector at Kurrachoe.	Brought over .....	153 1½	Cleared road, but not kept in repair.	Abundant, from Indus river.	Scarcely 2 shops.	10 houses; encamping ground NW. At 1 m. 7½ f. Moolay-jo-wahun, 5 houses. At 3 m. 4 f. Mohogwan-jo-wahun, 5 houses. At 3 m. 4½ f. Badhur, 10 houses, 2 shops. At 3 m. 0½ f. Jora and Manao Kow, 15 houses. At 4 m. 2½ f. Manao Kow, 15 houses. At 5 m. 7½ f. Baboree, 30 houses, 2 shops. At 6 m. 1½ f. Boodhar, 40 houses, 2 shops. At 7 m. 14 f. Godeh or Powhur, 9 houses, wood station of the Indus Flotilla.
			Rhyra Dara .....	160 6				
			Dadoo .....	168 7½	Ditto .....	Abundant & good from wells.	Abundant, beaver.	A large village with beaver, Police station, dhurumala, vendor's kutcheri, school, Post office, and travellers' bungalow; encamping ground SW. At 5 f. Abco Talib, 25 houses, 1 shop. At 3 m. 1½ f. Noorjo, 20 houses, 2 shops. At 2 m. 0½ f. Chaurat, 5 houses. At 4 m. 4½ f. Khachur, 50 houses, 2 shops about 2 f. to the left. At 4 m. 6½ f. cross a canal 12 feet wide with old unfinished bridge, impassable for Artillery owing to steep and high banks. At 5 m. ½ f. Khund, 15 houses. At 6 m. ½ f. Ahryo, 100 houses, 0 shops. At 6 m. 4½ f. Khokhar, 8 houses. At 7 m. 1½ f. old road to Shikarpore branches off to the right. At 7 m. 0½ f. a dhurumala.
			Dadoo .....	168 7½				

TABLE No. 179.

## FROM KURRACHIE TO COMBID ALLY, ON THE HUBB.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Sind District, Kurrachoe.		Collector at Kurrachoe.	Kurrachoe Post office to Muggur Pore.	9 14	Road good and broad, across a level plain, gradually approaching the hills; cross four nullas, including the Lytree river.	Abundant, from hot springs of sweet water near the tank, under date groves.	3 shops .....	One dhurumala. There is a dhurumala near the tank, which latter is half a mile west of the road. At 2 m. 2 f. cross the Lytree river. At 3 m. 4½ f. the road makes a sudden bend to the left, and enters the hills through a narrow gap, forming the outlet for a stream of salt water, which crosses, bed stony; encamping ground confined by hills on both sides.
			Landee Loharee Lung, on the Hubb.	25 14				
			Carried over .....	25 14	Road good, broad, and cleared the whole distance; cross 20 nullas; at 8 m. 0 f. cross a salt stream, 100 feet broad, flowing NW., banks clay, bed firm sand.	Abundant, from Hubb river, sandy bed.	None; plenty of camel fodder.	A pack dhurumala on the left bank of the river Hubb; encamping ground open and spacious. For 5 m. the road is through a defile, and crosses several streams; soil firm sand. At 5 m. 4½ f. pass a hill called Nag Chukra, on right; here is a mound or pool of abundant fresh water.

Authenticity		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding British District, Kurnool.	Collector at Kurnool.	Brought over Hahle River	15	04	15	04	Adjoined and stored for 18 1/2 m. as far as the Volukh a tributary of the Hahle river, cross 7 miles	Abandoned, from here river	Resumption ground on the left bank of the Hahle river. At 8 1/2 f. cross the river Hahle nearly bed. At 6 m. Hahle river, 184 yards wide, in a valley between the same rivers, bed sand and stones, water still. At 8 1/2 f. Gate House Road about 8 f. to the right At 8 m. 1/2 f. cross the river Volukh. From Volukh dry bed 100 feet broad. At 10 m. 4 f. Volukh Kurnool. At 12 m. 1/2 f. Madura Kurnool. At 13 m. 2 f. cross Volukh river, 105 yards broad, bed dry, full of stones; above the river Hahle to the resumption ground	
		Lead in Chavala	17	04	32	08	1. crossed track through jungle, across 12 miles.	Water from the river head flow- ing all the year round. river flow very strong in the Hahle hills and falls into the Hahle river	Stone; cross large stone slab	No village crosses ground on the right bank of the Hahle river. At 9 m. 1/2 f. to a point where a torrent descends from the hills on the left in cross the river is very difficult for guns the ground being much intersected with rocks and the pathway rugged and narrow for spaces of a mile. At 12 m. 1/2 f. pass the Volukh river, dry sandy bed, 100 yards broad. Cross the Hahle river in the resumption ground. The Hahle stream in its southern with 6 m. Hahle forms the boundary between British and Khaki territory
	KARNATAK FRONTIER	Political Agent at Khaki.	Lerna, or Lada	10	41	20	41	Passing along the bed of the river Lerna water soft, river bed sand and stones, small jungle; left on bank water form- ing a narrow dale.	Water from the head of the Lerna river, which descends from the Hahle hills on right hand, it can only be descended upon when rain has recently fallen to soften the schistose hills is still.	None
Omadi Ally			18	00	38	00	Gravelly through thick jungle; soil black and sandy	Water abandoned from the Hahle river	A few dry pools, from 7 stages	Resumption ground on left bank of Hahle river. At 18 m. cross the Ghahavara District. At 18 m. 0 f. crosses the river, the road to Hahle branches off to the left bank. At 14 m. 2 f. across the Hahle river and at 18 m. 4 f. crosses the Hahle to the village of Omadi Ally
		Total			51	00				
		6 Murches								

Note.—This route is much traversed by the Indian between Khaki and Kurnool. The Hahle stream and the Hahle and Kurnool hills form the boundary between the British and Khaki territories; consequently the first two stages of the above route are beyond British rule.

TABLE No 180

FROM KURRASREE TO SHIKARPOOR, BY SEHWAN AND LARHANA.

GENERAL DIRECTION, AF

In former		Distance		Road and Rail	Water	Dry line	Remarks
		From	Total				
Town	Dist	Miles	Miles				
Chitwan	Arrived in New Dera	13	0	Good road, but not paved	None	10 shops	Sub Table No 178
	Chitwan	12	0	Do	Do	Moderate	Good village with plenty of water, and good on ramp up ground. At 10:30 shops
	Chitwan	11	2	Do	None	None	Large town surrounded by a wall with 3,000 yards on circumference with an extensive bazaar. The walls are surrounded by trees, gardens & orchard plots. Water is found 12 to 18 feet from the surface, and large tracts of the upland are held to be divided by the formation of the Indian 71° East. Good roads past the town from the Indian to the north and is navigable from Agri to Chitwan. Chitwan is a place of great commercial importance and is the head quarters of the Collector's (revenue) bazaar. Post and Telegraph office. The old cantonment is to the east of the town
	25 1/2 miles	25	1/2				
The distance between Chitwan and New Dera is 25 1/2 miles —							
Chitwan		12	1/2	25 1/2			As above
New Dera		13	1/2	26 1/2	Water and road	10 shops	At 12/1/2 from the Chitwan by a bridge. At 1/2 m 1/2 a small village. At 1/2 m 1/2 / 1/2 m 1/2 10 houses & shops. At 1/2 m 1/2 shops

TABLE No. 181

## FROM KURRACHEEN TO SUKKUR, BY SMHWAN AND LARKHANA

CENTRAL DIVISION, KE.

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Fathoms				
		Kurracheen to Larkhana Moira Dera	13	7	201	84		744 Table No. 178
					247	81		
		Kashkajee	9	13	207	85		
		Jaffee	14	6	271	86		
		Mukhar B. F. T.	11	1				
		Total			822	74		
		26 Maroon						

General Officer Commanding British District, Kurracheen

Collection at Multan



TABLE No. 182. (1)

## FROM LARKHANA TO DADUR, BY KHYRA GURHEB AND BHAG.

GENERAL DIRECTION, NEW.

Authorities.		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
			Miles.	Fathoms.					
Military.	Civil.		Miles.	Fathoms.					
General Officer Commanding British Division, Kharakher.		Larkhana to Sakhi Khar Kharakher.	18	21	31	Road marked out through thick jungle with light and heavy traffic all bridges a little cultivation about the villages.	From 2 ponds 1 well, 100 feet deep, several water.	A small village, encompassing ground K.R. At 4 m. S.E. pass Bakhara, a small village, 1 day, 2 wells. At 8 m. S.E. Khar, a small village, 4 days, 1 pond, water. At 8 m. S.E. cross the Khazirabad. At 20 m. S.E. cross the road from Khar to Khar. At 18 m. S.E. Daryakhan, a few huts, and a khar.	
		Bahadur Bheral	7	0	38	Road dirty and sandy, native all bridges, a little cultivation.	3 ponds, wells, 60 feet deep, 100 feet of water.	Scarcely any water available from Bahadur Bheral.	A small village, encompassing ground in a plain. At 1 m. S.E. road to Bahadur Bheral, 10 m. off to the right. At 8 m. S.E. Khar, a small village, 4 m. to the left. At 8 m. S.E. road to Daryakhan, 10 m. off to the right. The large village of Bahadur Bheral is about 4 m. W. of Bahadur Bheral.
		Khyra Gurhe	17	11	55	Road very sandy and heavy; native all bridges, cultivation in places.	2 ponds, wells.	Moderate, 12 days.	A moderate sized village and surrounding. At 8 m. S.E. road to Chohan. At 10 m. S.E. road to Daryakhan, 10 m. off to the right. At 8 m. S.E. Bahadur Bheral, 10 m. off to the right.
		Faridkot	18	0	73	Good road, very hard and level, covered with mud.	50 or 60 small ponds, which require to be covered and driven for transport.	Moderate.	A small village. The country is level, and perfectly desert, and the village occasionally deserted in April and May, from failure of water.
Political Agent at Kharakher.		Khar	18	0	91	Dirty	From ponds in the Khar river (the end of the Khar), there from pits in the bed.	At least 100 days for horses and mules.	A large walled village or town, encompassing ground S.W., small cultivation, and many villages around. Cross a well-known road, and at 1 m. pass Akhar, with several small wells.
		Kharakher to Jhar	18	7	109	Road on hillside, first part is over cultivated country.	Dirty	At least 100 days for horses and mules.	A large walled village or town, encompassing ground S.W., small cultivation, and many villages around. Cross a well-known road, and at 1 m. pass Akhar, with several small wells.
		Ming	20	6	129				
		Myerwan or My. Jhar.	14	6	143				
		Kharakher or Kharakher.	15	3	158				
		Dadar	5	0	163				
		Total.			163				
		10 March.							

This Table No. 182. (1)

TABLE No. 182. (2)

## FROM LARKHANA TO DADUR, BY GUNDAYA.

GENERAL DIRECTION, N.E.W.

Authority.		Name of Stage	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Percentage.				
General Officer Commanding Madras District, Kharabha.	Collector of Haliyapur.	Larkhana Kharabha, P.	12	11	12	11		A town with Collector's bungalow and post-office, police station, &c.; assembly ground, &c., among date groves. From Bown Ghanda half way.
		Dam Allee . . . .	13	14	25	25		A village. From Dargah at 10 m.
		Gala Kharabha . . .	6	4	31	31		A village, with a fort on the border of the T. or desert. At 8 m. the ruins of old Bikaner. At 9 m. 7/8 of Bikaner. Ghanda, a few huts, a well, and a few groves of trees.
Rajahmundry, Kharabha, Kharabha.	Collector of Haliyapur.	Kharabha, or Kharabha, or Kharabha.	23	4	54	54		A large straggling village, on the northern extremity of the desert, surrounded by arid soil and cultivation. A large village, Kharabha, 3 m. to the left, has abundance of running water. The T. is liable to inundation from heavy rain; it is capable of irrigation, but from want of water is a barren waste.
		Kharabha . . . .	6	7	60	60		Small village, with a few groves of trees, in which the wells are situated. The surrounding of the great salt range are a short distance to the left on the range, and remain so to Dargah.
		Jail or Jail . . . .	5	3	65	65		A walled town, with open suburbs, and some huts to the north with the same name, with much cultivation around; good assembly ground N. and S. Country here somewhat thinly cultivated with pomegranate trees. Over 12 narrow and shallow canals, with bridges, within 8 m. of Jail.
		Faruk . . . . .	13	0	78	78		A large village and fort and much cultivation. At 6 m. 4/5 from the Jail, river, 800 yards broad, much land along, payable for example. Country level and waste, but bearing marks of former cultivation.
		Kharabha . . . . .	13	1	91	91		A large walled town on the north bank of the Kharabha river, the chief place of the District. At 7 m. 8/9 from Faruk, five villages, with a canal of good water. Kharabha, a large town and fort, 3/4 m. N.W. of Bikaner, and near the mouth of the Mohan pass leading to Kharabha.
		Kharabha . . . . .	20	1	111	111		
		Kharabha . . . . .	23	0	134	134		
		Kharabha . . . . .	17	0	151	151		
		Dadur . . . . .	8	0	159	159		
		Total . . . . .			175	175		
		13 Kharabha.						

Table No. 184. (2)

Table No. 185. (1)

TABLE No. 183.

## FROM LARKHANA TO JACOBABAD, ALONG THE FRONTIER, BY POST ALIEN AND KHYBA GURHEE.

CENTRAL DIRECTOR, R.F.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	Remarks.
			Stage.		Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Frontier Division, Kashmir.	Civilian Officer in Charge.	Larkhana to Dera Isma Khan	12	0	21	0	Good road, well bridged.	Good well, 20 feet deep, and a little well of good water.	None.	Table No. 183 (7)
		Khyza Gurhee	15	11	32	11	Good and firm road, well bridged.	Good well, 15 feet deep, and a little well of good water, and a little well of good water.	None.	Formerly a large place, now almost deserted. At 1 m. past Gurhee Kalga, a few houses and shops, 2 wells, and a small well. At 1 m. 3/4 road to Ratin Dera branches off to the right.
		Ratin Dera	25	8	57	19	Good, through heavy jungle, well bridged.	Good well, 15 feet deep, and a little well of good water.	None.	A moderate village and bazaar. At 7 m. 5/8 past Ratin Dera, a few houses and shops, 2 wells, and a small well at the end of the stage (bridged).
		Isma Khan P.T.	11	0	68	19	Good road, well bridged.	Good well, 15 feet deep, and a little well of good water.	None.	Two small well villages on the frontier, occupying ground R.F.
		Total.	—	—	53	30	—	—	—	—
		8 November.	—	—	—	—	—	—	—	—

TABLE No. 184.

## FROM MALLIGAUM TO AJUNTA.

CENTRAL DIRECTOR, R.F.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	Remarks.
			Stage.		Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Frontier Division, Punjab.	Collector at Multan.	Malligaum to Dera Isma Khan.	12	0	12	0	Good road to Dera Isma Khan; remainder country cart-road, and well.	Good, from a well, 20 feet deep, and a little well of good water.	None.	Occupying ground high and open. Post description at 4 m. 4/5 and 5 m. 4/5.
	Collector at Multan.	Wichers	11	0	23	0	Country cart-road	From river	None.	A large village on the right bank of the Ghara river. At 6 m. past Wichers, a small village on the river to Wichers.
		Maheshwari	10	4	33	4	Do.	Do.	2 shops, house.	A large village on left bank of the Ghara river. Post description at 4 m. 4/5, 5 m. 4/5, and 6 m. 4/5, across the river and from Dera Isma Khan to Maheshwari.
		Do.	9	0	40	4	Road generally good and well.	From river	None.	A large village on the left bank of the Ghara river. At 4 m. 4/5, past Dera Isma Khan, on the Ghara river. The passage of the river at the above village is generally.
		Carried over	—	—	—	40	4	—	—	—

Authorities		Kinds of Stages	Distances		Road and Soil	Water	Supplies	REMARKS
			Stages					
Military	Civil		Miles	Package				
General Officer Commanding 1st Poona Division, Poona.	Collector at Khairat.	Brought over		40	4			
		Khairat P	14	0	54	4	Abundant, from Khairat; 15 A town of 400 houses on the left bank of the Ghira river, across the Ghira river at Babel to 1/2 across Godhagum of 5 m. W. of Babel at 8 m. and Babel at 30 m. The last 4/5 miles through jungle	
		Khairat P	9	0	63	4	On Ghira the River Khairat in river	40 houses. Cross Ghira river at 3 m. and at 8 m. 4/5. Lohar, 160 houses, and at 8 m. Lohar, 80 houses. A fine stream of water on the Ghira river. Brought of Ghira river rocky. Cross the G. I. P. Rail way near Lohar.
		Khairat	8	0	71	4	Good road, over black soil	Large village. At 4 m. 7/8 Lohar, water and supplies abundant.
		Khairat	11	0	82	4	Good, generally good, over red soil.	A large village. At 8 m. pass Khairat and at 10 m. Lohar. The houses are in a line.
General Officer Commanding 1st Hyderabad Division, Hyderabad.	Collector at Hyderabad.	Khairat	18	8			Do. from the Ghira river and water but some times rocky in the dry weather	A small town in a rocky state and large house, good occupying ground 8 m. good large Babel for travellers. At 4 m. pass Lohar. At 8 m. 8/9 pass Lohar, a large village. At 10 m. 8/9, cross the Ghira river a fine stream. Khairat in the dry weather. At 12 m. 8/9, cross the Ghira. The celebrated carriage road 8 m. from the town.
		Total		88	7			
		9 March.						

TABLE No 185 (1)

## FROM MALLIGAUM TO AURUNGABAD, BY MUNMAR AND BYZAPOOR.

GENERAL DISTRICT, BN

Authorities.		Names of Stages.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.		Stages.		Total.						
			Miles.	Packages.	Miles.	Packages.					
General Officer Commanding 1st Poona Division, Poona.	Collector of Bangalore.	Malligawda to Jalgaon	11	84	21	4	A good road for 7 m. and well used.	None.		} Table No. 20	
		Malligawda	11	84	21	4					
		Udhwa	9	84	21	4					
		General over			20	20					
A small village. Cross the G. I. P. Railway near Munmar. At 3 m. 8/9, cross a large Babel. At 4 m. 8/9, cross a large Babel. In the pass called Udhwa Babel. At 7 m. 11/12, cross the Babel road to Aurungabad and cross to Jalgaon. At 8 m. 8/9, cross a large Babel, and cross a large Babel to Udhwa.											

Authority.		Names of Stations.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stages.	Total.						
			Miles.	Percentage.	Miles.	Percentage.				
General Officer Commanding Frontier Division, Poonah.	Collector at Mandi.	Brought over.....	..	..	36	32				
		Underwood.....	10	94	44	1	Good dirt road.....	Abundant, and the river.	Abundant, 250 A large walled village, 872 houses; occupying ground NW. At 2 m. 21 f. Dabawan, 8 houses. At 4 m. 41 f. Mittal Jela, 20 houses. At 5 m. 1 f. Dharwadgaon, 18 houses. Cross 8 large and several small mules in this march.	
Major General—Major's Regiment. General Officer Commanding Hyderabad Bahadur Force at Secunderabad.	Resident at Hyderabad.	Bysapore.....	11	7	30	0	Ditto.....	Abundant, from wells and the Burra and Burra river.	Abundant, 300 A small walled town of 680 houses; occupying ground N, across the Kail river near Underwood. At 1 m. 51 f. across the Mithan. On river, 32 yards wide. At 2 m. 12 f. Gauradgaon, 20 houses. At 3 m. 8 f. Kottadgaon, 22 houses, 8 shops. At 4 m. 21 f. under the Mithan's territory. At 5 m. 51 f. Buradgaon, 7 houses. At 11 m. 51 f. across the Burra river, 184 yards wide, some heavy delay after heavy rain.	
		Lathara.....	17	71	73	71	Ditto.....	Abundant.....	8 shops, weekly bath.	117 houses; occupying ground NE. At 4 m. 41 f. Thakia, 10 houses. At 11 m. 71 f. Dargana, 24 houses, 8 shops. At 12 m. 1 f. across the Burra river, 60 yards wide. At 13 m. 24 f. Kottadgaon, 24 houses, 1 shop. At 18 m. 1 f. Pongadgaon, 10 houses. At 18 m. 2 f. across the Dabao river.
		Bhargava.....	14	84	88	81	Ditto.....	Wells and wells.....	1 shop.....	75 houses and a large Gauradgaon; good occupying ground NE. Cross the Burra river from Dabawan, 22 yards wide, bed sandy. At 4 m. 1 f. Dargana, 10 houses. At 8 m. 41 f. Wapadgaon, 9 houses. At 11 m. 12 f. Kottadgaon, 20 houses, 1 shop.
		Unmanned Station near Church, S. P.	7	5	..	..	Ditto.....	Abundant.....	Abundant.....	A large town walled round, with numerous houses, but much dilapidated. The Mithan's Cantonment is situated S. of the fort. At 2 m. 1 f. Buradgaon, 15 houses. At 5 m. 1 f. road to Dharwadgaon off to Gauradgaon. At 8 m. 51 f. across a mule 80 yards wide to Pongadgaon, 10 houses.
		Total.....	..	..	86	04				
		8 March.								

TABLE No. 185 (2)

## FROM MALLIGAUM TO AURUNGBAD, BY THE KASSAR BAREE GHAUT.

GENERAL DIRECTION, SE.

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Fathoms				
General Officer Commanding Pune Division, Poona.	Collection at Aurangabad	Malligaum to Khatigra	9 8	9 8	Yahable road and open country	Wells	1 shop	80 houses. At 8 m. past the town of Khatigra. At 8 m. 8 f. Chaudasgaur, 80 houses. At 7 m. 8 f. Jee Wale, 80 houses.
		Khatigra	13 0	22 8	Ditto	Wells and wells	Abundant, 1800 houses, a Charanath, Post office, and Railway station. At 8 m. 8 f. Pado, 15 houses. At 4 m. 4 f. Wadhwa, 18 houses. At 7 m. 0 f. near the Pagar river.	
		Khatigra	9 1	31 9	Indifferent road with jungle.	Ditto	None	18 shops. At 4 m. across the Pagar river. At 4 m. 5 f. Bhadgaur, 25 houses, 3 shops, and a hill fort and across the Matar river.
Muzammarat General Officer Commanding Bombay Division, Poona.	Resident at Hyderabad.	Hydrabad	18 7	50 6	Ditto	Ditto	Ditto	1 deserted hill fort. At 8 m. 8 f. beyond the Khatigra ghaut, (gravel) but dry and without. At 8 m. 14 f. top of plain. At 6 m. 7 f. Pado, a small village.
		Latur	12 0	62 6	Cart road	Abundant	3 shops, well by house.	117 houses; occupying ground 78
		De Aurangabad	23 0	85 6				71 to Table 126 (1)
		Total 7 Stages			81 0			

TABLE No. 186

## FROM MALLIGAUM TO BULSAR, BY THE CHURRARE GHAUT.

GENERAL DIRECTION, N.W.

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles. Fathoms	Miles. Fathoms				
General Officer Commanding Pune Division, Poona.	Collection at Aurangabad	Malligaum to Lath nagre	11 24	11 24	Good cart road through the well yagla and open country	One well	Limited	80 houses, occupying ground 1/2. From Dehanna at 8 m. 4 f. 280 houses, 5 shops. 8 Charanath water from Ghara. At 7 m. 3 f. past Aggar, 80 houses, 3 shops, 6 wells.
		Latur to Dehanna	19 4	31 8	Ditto	From several wells and Ghara river.	Abundant	279 houses; occupying ground 1/2. From Dehanna at 8 m. 2 f. 280 houses, 5 shops, a Charanath, 5 wells. One Ghara river at 8 m. 4 f. high bank, sandy bed. Ghara river at 8 m. 7 f. 80 yards broad sandy and rocky bed. A large well at 8 m. 1 f. From Dehanna at 12 m. 3 f. a town on the W bank of it; Ghara which is crossed to Latur, broad 120 yards, bed sandy.
		Partial over		31 8				



TABLE No 187 (1)

## FROM MALLIGAUM TO CHOPRA, BY DHOOOLA

GENERAL DIVISION, BE

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages					
			Miles	Perchages				
Military	Civil			Miles	Perchages			
General Officer Commanding Forces Tharwan Fort.	Collector at Dhoolah.	From Malligaum to Tharwan	14	0	14	0		-F to Table No. 142.
		Arrive	0	1	20	4		
		Dhoolah	13	2	23	6		-F to Table No. 143
		Chopra	10	0	33	6		
		Ambari	11	4	44	0		
		Pachala	10	0	54	0		
		Chopra	13	0	67	0		
		Total			77	0		
		7 Miles.						

TABLE No 187 (2)

## FROM MALLIGAUM TO CHOPRA, BY DHURRUNGAUM

GENERAL DIVISION, BE

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Lump. Yunnan Frontier Force.	Collector at Dhoolah.	From Malligaum to Tharwan Barr. Road	14	0	14	0		<p>F to Table No. 143.</p> <p>A small town with a well built stone fort with bastions on all sides, occupying ground E. At 2 m. S. of Dhoolah. At 4 m. S. of Chopra. At 10 m. S. of Tharwan. At 10 m. S. of the river 40 yards wide and nearly dry at noon after heavy rain. At 10 m. S. of the river 100 yards. The cleared road to the north branches off to the right.</p> <p>A small station and head quarters of the Kham Shih Wood Corps. Branch Post Office. At 4 m. Dhoolah. At 6 m. S. of Tharwan. At 8 m. S. of Chopra. At 12 m. S. of Tharwan.</p> <p>A small village on the S. end of the bank of the Tharwan river. At 10 m. S. of Chopra. At 6 m. S. of Tharwan; along the cleared road from Tharwan; to the S. end of the Tharwan river. At 10 m. S. of Chopra. At 6 m. S. of Tharwan; along the cleared road from Tharwan; to the S. end of the Tharwan river. At 10 m. S. of Chopra. 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TABLE No. 188.

FROM MALLIGAUM TO KOOKURMOONDA, ON THE TAPTEE.

GENERAL DIRECTION, NEW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.		Stage.	Total.					
			Miles.	Furlongs.					
General Officer Commanding Poona Division, Poona.		Collector at Nasik.	Malgam to Kurunji gawhan.	10 0	10 0	Tolerable cart road in dry weather, through black soil, occasionally combined by thick jungle.	Wells .....	None .....	A small village; pass Dyans, Wargam, and Lendana.
			Galma .....	10 0	20 0	Ditto .....	Tank, nulls and wells.	Abundant .....	A town and hill fort; pass Dahidee at 4 m. and cross the Beore river to Teengroo at 6 m. The fort is on a high rock, and has a well built strong wall; entrance by a winding path and steps and well protected by towers. The town is close under the north side of the hill, and surrounded by a mud wall and towers.
		Collector at Dhoolia.	Chowgaum .....	10 0	30 0	Ditto .....	Nulls .....	None .....	Pass by Nagkuroo, a deserted village.
			Sirdhan .....	10 5	40 5	Ditto .....	Walls .....	None .....	At 5 m. pass Nair, on the S. bank of the Panjra river, a large place with supplies, and branch Post office.
			Doosana .....	15 5	55 5	Ditto .....	Boora river .....	Procureable, and a market.	A market village on the S. bank of the Boora river; pass Hattoe, Obowaroo, a small village on the Pan river; and Biegoe (deserted); thick jungle on this stage.
			Bannala .....	14 0	70 2	Ditto .....	Nulls .....	Ditto .....	A large village; pass Salana, on the Amra watee river.
			P. Nandoorbar .....	10 7	81 2	Cleared fair weather cart road.	.....	.....	} Vide Table No. 138.
			P. K. ....	18 54	.....	Good road as above .....	.....	.....	
General Officer Commanding Poona Division, Poona.		Collector at Nasik.	Total .....	80 0	.....	.....	.....	.....	.....
Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.		Stage.	Total.					
			Miles.	Furlongs.					
General Officer Commanding Poona Division, Poona.		Collector at Nasik.	Malgam Cantonment to Dhuwadhal.	12 0	12 0	Made road to Dhuwadhal; remainder country cart-road, red soil.	Good, from a null and well.	Nothing but grass.	Escarping ground high and open. Pass Durgam at 4 m. 4 f. and Balma at 3 m. 4 f.
		Collector at Dhoolia.	Pilkhora .....	11 0	23 0	Country cart-road .....	From river .....	Scanty .....	A large village on the right bank of the Girna river. At 5 m. pass Chinchgowhan; cross the river to Pilkhora.
			Moboonbars .....	10 4	33 4	Ditto .....	Ditto .....	3 shops, bazaar .....	A large village on left bank of the Girna river. Pass Pimpulwar Mhalan at 4 m.; Oombarkhain at 5 m. 4 f.; cross the made road from Dhoolia to Cholegaum at Moboonbars.
			Bahal .....	7 0	40 4	Road generally good; soil red.	Girna river .....	Abundant .....	A large village on the left bank of the Girna river. At 4 m. 4 f. pass Janda, on the Girna. The passage of the river at the above villages is generally.
			Carried over .....	.....	40 4	.....	.....	.....	.....

[illegible]

TABLE No. 190.

FROM MALLIGAUM TO RAJPEETLA, BY DHICOLIA AND KOOKURMOONDA.

GENERAL DENNOTION, NY.

Architect.		Name of Bridge.	Distance.		Road and Soil.	Water.	Supports.	Remarks.
			Mile.	Fathoms.				
Navy.	Civil.		Mile.	Fathoms.				
General Officer Commanding Force Division, Feroze.	Collector at Dera.	From Multan to Jhelum.	14	0	Made road, bridged.			File Table No. 141.
		18	0					
		Dera.	18	0	Do.			
		22	0					
		26	0	Gravel road.				
		30	0					
		34	0	Country dirt road.			File Table No. 142.	
		38	0					
		42	0	Gravel road.				
		46	0					
50	0	Gravel road.						
54	0							
58	0	Gravel road.						
62	0							
66	0	Gravel road.						
70	0							
74	0	Gravel road.						
78	0							
82	0	Gravel road.						
86	0							
90	0	Gravel road.						
94	0							
98	0	Gravel road.						
102	0							
106	0	Gravel road.						
110	0							
114	0	Gravel road.						
118	0							
122	0	Gravel road.						
126	0							
130	0	Gravel road.						
134	0							
138	0	Gravel road.						
142	0							
146	0	Gravel road.						
150	0							
154	0	Gravel road.						
158	0							
162	0	Gravel road.						
166	0							
170	0	Gravel road.						
174	0							
178	0	Gravel road.						
182	0							
186	0	Gravel road.						
190	0							
194	0	Gravel road.						
198	0							
202	0	Gravel road.						
206	0							
210	0	Gravel road.						
214	0							
218	0	Gravel road.						
222	0							
226	0	Gravel road.						
230	0							
234	0	Gravel road.						
238	0							
242	0	Gravel road.						
246	0							
250	0	Gravel road.						
254	0							
258	0	Gravel road.						
262	0							
266	0	Gravel road.						
270	0							
274	0	Gravel road.						
278	0							
282	0	Gravel road.						
286	0							
290	0	Gravel road.						
294	0							
298	0	Gravel road.						
302	0							
306	0	Gravel road.						
310	0							
314	0	Gravel road.						
318	0							
322	0	Gravel road.						
326	0							
330	0	Gravel road.						
334	0							
338	0	Gravel road.						
342	0							
346	0	Gravel road.						
350	0							
354	0	Gravel road.						
358	0							
362	0	Gravel road.						
366	0							
370	0	Gravel road.						
374	0							
378	0	Gravel road.						
382	0							

Authorities		Known of Stages.	Distances.		Road and Soil.	Water.	Supply.	Remarks.		
			Stages.	Total.						
									Miles.	Furlongs.
Military.	Civil.			Miles.	Furlongs.					
General Officer Commanding Northern Division, Ahmedabad.	Political Agents Bara Mand, at Maroon.	Brought over.....	11	4	131	4				
		Dyn.....	0	4	140	0	Little track, well black. Wells	Yes	8 holes, comprising ground W. At 2 m. 1/2 f. Outside, 18 khat about 1/2 m. At 5 m. 1/2 f. Outside (detected) At 6 m. 1/2 f. Outside, 11 khat 1/2 m. At 8 m. 1/2 f. cross the Koyba river 212 yards wide, bed sandy, unsuitable for the railway, very hilly and sandy.	
		Rajpura.....	11	0			Ditto	Wells and trails	Ditto	10 khat and a Raj's palace on the slope (a hill) comprising ground E. At 7 m. 1/2 f. Outside. Detour on the W. bank of the Koyba river, 10 khat. At 8 m. 1/2 f. Outside, 100 yards wide, bed stony, unsuitable for the railway. At 9 m. 1/2 f. Outside, 8 khat. At 10 m. 1/2 f. Outside, 12 khat. At 11 m. 1/2 f. cross the Maroon river, 201 yards wide, bed stony, to Bhoswar, 18 khat, country hilly and sandy.
		Total.....	11	4	172	4				
		18 Maroon.....								

TABLE No. 191.

## FROM MALLIGAUM TO SURAT, BY THE KONDABAREE GHAT.

GENERAL DIRECTOR, F.W.

Authorities		Known of Stages	Distances		Road and Soil	Water	Supply	Remarks	
			Stages	Total					
Military	Civil		Miles	Furlongs					
General Officer Commanding Northern Division, Ahmedabad.	Collector at District.	From Malligaum to Wamra and Khambhoda	11	4	11	4			
		Wamra	17	0	28	0			
		Khambhoda	9	0	37	0			
		Khambhoda	11	0	48	0			
		Khambhoda	17	0	65	0			
		Khambhoda	11	4	76	4			
		Khambhoda	11	0	87	0			
		Khambhoda	11	0	98	0			
		Khambhoda	11	0	109	0			
		Khambhoda	11	0	120	0			
		Total	11	4	147	4			
		12 Maroon							
								<p>regiment of Madras Infantry stationed here. Good commanding ground (flat) E of the town, near the Railway Station. Travellers' bungalow, dharmashala, Post and Telegraph office. Head Quarters of the Collector. At 20 f. Wamra, 5 khat. At 2 m. 1/2 f. Outside, 100 khat, 1 step, and a dharmashala. At 4 m. 1/2 f. Khambhoda, 100 khat. At 6 m. 1/2 f. Khambhoda, 50 khat and a dharmashala. At 7 m. 1/2 f. the Railway crossing. At 7 m. 7/8 f. the Bara Khat station, 201 yards wide, bed stony, to Bhoswar, 18 khat, country hilly and sandy.</p>	



Authorities.		Distances.				Road and Soil.	Water.	Supplies.	REMARKS.	
		Names of Stages.		Stage.	Total.					
Military.	Civil.			Miles.	Furlongs.					
General Officer Commanding, Malabar Division, Alibon.	Agent to the Governor-General for Central India, at Indore.	Brought over.....	...	108	4					
		Bloura .....	18	0	127	2	Made road .....	Abundant, from Ajanar river.	Abundant, but not once a week.	Small town; encamping ground good near the bungalow. At 4 m. Damarin. At 11 m. 2 f. cross the Doodla, 80 yards wide, banks easy. At 16 m. 0 f. Kuchmaria. Cross the Ajanar, 60 yards wide, banks low to Bloura. Country level and jungly.
		Right bank of Ghorn-punchar River.	12	0	139	3	Ditto .....	Abundant .....	None .....	Supplies procurable from Chachowna, 10 miles N, or from Bloura; country undulating and partially cultivated.
		Boengamm .....	10	0	149	3	Ditto .....		Procurable from Chachowna, 3 1/2 m. W.	A small village, country well cultivated.
		Left bank of Parbutty river.	18	0	168	2	Ditto .....	Abundant .....	Procurable from Koomraj.	
		Right bank of Chonput river.	13	4	175	0	Good made road.....	Ditto .....	Procurable.	
		Gooma .....	12	2	183	0	Ditto .....	Ditto .....	Abundant .....	A small cantonment.
		Bhandowna .....	11	0	199	0	Ditto .....	Ditto .....	Procurable after due notice.	A small village. At 6 m. 0 f. Blouza. At 10 m. 0 f. Tarowia. Country hilly with partial cultivation.
		Knjouree .....	8	0	208	4	Ditto .....	Ditto .....	Must be collected.	A middling village; encamping ground confined. Country as above.
		Budurmas B. ....	8	0	216	4	Ditto .....	Ditto .....	Procurable after due notice.	A small village. At 4 f. Smookharoo. At 6 m. Somalia. Country, undulating and covered with jungle.
		Lookwoon .....	9	0	225	4	Ditto .....	Ditto .....	Do. ....	A village. Country as above.
		Kolaras .....	8	0	233	4	Ditto .....	Ditto .....	Abundant .....	A small town; encamping ground shady. Country as above.
		Seopree B. P. T. ....	14	5	248	1	Ditto .....	Ditto .....	Do. ....	A small cantonment; encamping ground to the N. Seopree was formerly a considerable town.
		Suttawura .....	10	6	258	6	Ditto .....	Ditto .....	Must be collected.	A small village. At 2 m. 5 f. Nowneo. At 6 m. 5 f. Memroc. Country open and undulating, heavy jungle for 5 miles.
		Uhoopora .....	13	4	272	2	Ditto .....	Ditto .....	Scarce .....	A small village. At 2 m. 4 f. Kankur. At 4 m. 4 f. second the Gara ghaut. At 8 m. 4 f. pass a dak bungalow. At 9 m. 4 f. end of descent of the ghaut.
		Mahona B. ....	10	7	283	1	Ditto .....	Ditto .....	Pleasant .....	A large walled village 1 mile to the N. of the Parbutty river; encamping ground on the bank of the river. At 1 m. 7 f. Naogong. At 4 m. 7 f. Balawura. At 7 m. 7 f. Kurulim. At 10 m. cross the Parbutty (bridged).
		Behnt .....	7	1	290	2	Ditto .....	Ditto .....	Must be collected.	A small village. Country jungly and stony.
		Guttivala B. ....	8	7	298	1	Ditto .....	Ditto .....	Procurable after due notice.	A small village; encamping ground good. At 7 f. Dairn. At 6 m. 7 f. Sirda. Country jungly and stony.
		Nyngoon .....	10	1	300	2	Ditto .....	Ditto .....	Do. ....	A village; encamping ground good. At 7 f. Sojurna. At 6 m. 5 f. Pennim. Country marked by bold rocky low hills.
		Gwallor Residency. F. T. ....	13	4	322	0	Ditto .....	Ditto .....	Abundant .....	Encamping ground opposite to the Residency. The church in the cantonment of Morar is distant 7 1/2 miles N.E. At 9 m. 6 f. the road to Jhanvle branches off to the right. From this point Morar is 3 1/2 m. At 10 m. 4 f. the
		Carried over.....		...	...	322	6			

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Miles — Parcels	Total Miles — Parcels				
Military	Civil							
British Transport Officer Commanding Gwalior District, Nagpur	Agent to the Government General for Central India, at Indore	Brought over		222 0				del. Bangalore and Post office At 11 m. 8 f. from above under the hill north of the Betta & the road from Nagpur (see right); country mostly cultivated to 4 m. north; between Bangalore and Gwalior some of the gradients are very severe, at least to 1 m. 18. Nagpur to 13 m. 8 f. from Nagpur.
		Mandla	10 0	232 0	Good made road	Abundant	Favourable	A good road village; country good road. Country fairly cultivated At 4 m. 3 m. Nagpur At 8 m. 4 f. from Nagpur.
		Nagpur	13 6	245 6	Do	Favourable	Do	A small village, occupying ground small country nearly in phase. At 6 m. 8 f. from the Nagpur (see right) to Nagpur At 8 m. 8 f. from Nagpur, (this village is close to Na- gpur, Nagpur for the battle fought be- tween the British and the Gwalior troops on the 28th December 1818) At 18 m. 2 f. from the Nagpur (see right)
	Discharge B P	13 6	259 2	Do	Do	Do	A straggling town, the residence of the Rajah of the District, occupying ground cultivated. At 8 m. 2 f. from the Nagpur village, nearly 1 m. broad with a channel of 250 yards in the old water left bank shaly, across gentle but rather steeply a ferry here. At Nagpur, 4 miles 1 f. from up there market in the dry season. Coun- try river and across near the river. The bamboo is the property of the Rajah.	
British Transport Officer Commanding Nagpur District, Nagpur	Political Agent at Nagpur	Mandla B	9 2	268 0	Do	Abundant	Abundant	A large village; occupying ground good and cultivated. At 1 m. 2 f. from Nagpur At 3 m. 4 f. from Nagpur. At 8 m. 5 f. from Nagpur At 9 m. 4 f. from Nagpur.
		Talga	13 4	281 4	Do	Do	Do	A large village occupying ground good country local, open and well cultivated. At 8 m. 4 f. from Nagpur At 8 m. 4 f. from the Nagpur river, about 100 yards wide (see right) At 6 m. 8 f. from Nagpur At 10 m. 4 f. from Nagpur.
	Collector at Agas	Agas Church P T	11 1		Do	Do	Do	A large town with surrounding At 5 m. 1 f. from Nagpur At 7 m. 1 f. from the Nagpur (see right) At 4 m. 7 f. from Nagpur At 8 m. 8 f. from Nagpur At 8 m. 7 f. from Nagpur.
		Total		280 5				
		24 March						

TABLE No. 193. (1)

FROM MHOW TO AUGUR, BY INDORE AND SHAHJEHANPOOR.

GENERAL DIRECTION, NNR

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.			
Military.	Civil.		Stages.						Total.		
			Miles.	Furlongs.					Miles.	Furlongs.	
General Officer Commanding Mhow. Division, Mhow.  Agent to the Governor-General for Central India, at Indore.		From Mhow to Shajjeshanpore.	...	...	72	4	.....	.....	.....	Tide Table No. 192.	
		Doopara .....	10	0½	82	4½	Country cart road, soil black.	Tanks and wells.	Procurable, a small bazar.		A large walled village about 4 f. to the left encompassing ground E. At 1 m. 3½ f. cross the Teolur river, bed muddy, banks low, delay of some hours after heavy rain. At 3 m. 7¼ f. Byra, 60 houses. At 6 m. 2½ f. cross the Lukoondu river, 200 yards wide, bed stony, banks easy, fordable 4 or 5 days after heavy rain.
		Kannur .....	10	0¼	92	4¾	Do	Abundant, from wells.	A small bazar weekly market on Mondays.		A large village with a Shumrasak; encompassing ground W. At 4 m. 7¼ f. Charungum 100 houses. At 7 m. 4 f. cross the Teolur river, bed stony, banks easy, fordable a day after heavy rain.
		Asgur Cantonment, P.	11	3	...	...	Do	Abundant	Abundant		A large town enclosed by a stone wall with circular bastions standing on a narrow strip of high ground between a large lake on the south and a deep ravine on the north. The cantonment is to the north of the town. At 8 m. 0 f. Rajkherro, 25 houses. At 8 m. 4 f. Palra, 100 houses, 1 shop. At 7 m. 3 f. Kromda, 25 houses. At 8 m. 4 f. Parvokherro, 80 houses. At 9 m. an easy ascent. At 10 m. 2 f., an easy descent. Country hilly and jungly, with cultivation near the village.
		Total .....	...	...	108	0½					
		9 Marchoos.									

TABLE No. 193. (2)

FROM MHOW TO AUGUR, BY INDORE AND OOJEIN.

GENERAL DIRECTION, NNE

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stago.	Total.					
Military.	Civil.		Miles.	Furlongs.					
General Officer Command- ing Mhow Division, Mhow.  Agent to the Govern- ment for Central India, at Indore.		Joining the							
		Mhow Cantonment Cherch to Indore R. P. T.	18	0	18	0	Soil black, good made road (bridged).	Abundant .....	Abundant ...
		Solanjind .....	11	0	23	4	Soil black mould; good in dry weather, but bad in the rains, from the soft, adhesive na- ture of the soil, in some parts dangerous for guns, in conse- quence of deep ravines running into the road.	Wells and mulla ...	shops; and supplies from surrounding villages.
		Carried over.....			23	4			100 houses. At 4 m. Nurnar; at 5 m. 4 f. Durnalla; at 8 m. Alawara; at 9 m. G. Jagsoodee; at 11 m. G. Harode—all small villages. Country slightly undulating, and rising into a low ridge that intersects the road at 8 m. from Indore.





TABLE No 193 (3)

FROM MHOW TO AUGUR, BY INDORE, DEWAS, AND OJJEIN.

GENERAL DIRECTION N.W.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages	Total						
			Miles. Postage	Miles. Postage						
General Officer Commanding Mhow Division Mhow  Agent to the Government General for Central India at Indore		From Mhow to Dewas		88	6	Made road	Wells and wells	10 shops, weekly market on Mon days	Vide Table No. 192.	
		Harward or Narnar	11	7	48					3
		Ojjein N W Gate P 2	11	6	80	3	Ditto	Abandoned	Abandoned	A large village 200 houses and 4000 acre of land in the N. of the Indore bungalow. At 8 m. Mhow 5 houses. At 8 m. 4 1/2 a. above. At 8 m. cross the Kharas mulla to Bagwadi 75 houses, 5 shops, and a small chattram. At 8 m. 3/4 P. Kharas 100 houses 3 shops, country open and arid.
		To Augur	41	4						
		Total			101	7				
				9 March						Vide Table No. 193 (3)

TABLE No 193. (4)

FROM MHOW TO AUGUR, BY INDORE, OJJEIN, AND MEHIDPOOR.

GENERAL DIRECTION N.W.

Authorities.		Names of Stages	Distances.		Road and Soil	Water	Supplies	REMARKS.
Military	Civil		Stages	Total				
			Miles. Postage	Miles. Postage				
General Officer Commanding at Mhow Division, Mhow	Agent to the Government-General for Central India at Indore	From Mhow to Deogarh	48 4	48 4	Fair weather dirt road winding in parts and bleak.	Wells	8 shops	Vide Table No. 192 (3)  Vide Table No 193 (3)  60 houses, 1 small chattram, country arid ground N.W. or S.W. At 11 m. 6 1/2 a. cross a mulla 80 yards wide, bed rocky. At 3 m. Bagwadi. At 8 m. cross a mulla 80 yards wide, banks high, bed sandy and muddy. At 8 m. 7 1/2 f. Dabapur. At 4 m. cross a mulla 100 yards long rough and difficult. At 4 m. 5 1/2 f. Bagwadi. At 8 m. 2 1/2 f. Gawa- dan, 80 houses, 1 shop and cross the Ganga lee river 17 yards wide, banks low and
		Kalobara	11 0	60 4				
		Mahadpur	18 4	78 0				
		Koodabara	12 0	90 0				
				88 0				
		Current river		88 0				

Antecedent.		Amount of Rain.	Distance		Road and Soil	Water	Crops.	Remarks.		
			Stage	Total						
									Miles	Feet
Military	Civil									
General Officer Commanding Madras Division, Madras	Agent to the Government of Madras	Brought over		98	93	Wet weather and road breaking in parts and black.	Abundant	Abundant	broken but ready in 2 weeks. At 17 m 1/2 Verul, 10 m 1/2 Kottur. At 18 m 1/2 1/2 pass 30 houses. At 19 m 1/2 1/2 Kottur, 10 houses. At 21 m 1/2 1/2 Kottur, 10 houses. Country open and slightly undulating in parts.	
		Agent: Chatterjee, P. C. Dutt	18	35						
		Total			100					93
		6 March						A large town and settlement. At 11 m 1/2 cross the Kottur River. 200 yards wide, banks high and steep, fordable in December. At 13 m 1/2 1/2 above the well. At 14 m 1/2 1/2 place a large village with house and over a mile 80 yards wide banks high and ready. At 16 m cross a mile 100 yards wide, but ready. At 18 m 1/2 1/2 Kottur, 10 houses. At 19 m 1/2 1/2 Kottur, 10 houses. At 21 m 1/2 1/2 Kottur, 10 houses. At 22 m 1/2 1/2 Kottur, 10 houses. At 23 m 1/2 1/2 Kottur, 10 houses. At 24 m 1/2 1/2 Kottur, 10 houses. At 25 m 1/2 1/2 Kottur, 10 houses. At 26 m 1/2 1/2 Kottur, 10 houses. At 27 m 1/2 1/2 Kottur, 10 houses. At 28 m 1/2 1/2 Kottur, 10 houses. At 29 m 1/2 1/2 Kottur, 10 houses. At 30 m 1/2 1/2 Kottur, 10 houses. At 31 m 1/2 1/2 Kottur, 10 houses. At 32 m 1/2 1/2 Kottur, 10 houses. At 33 m 1/2 1/2 Kottur, 10 houses. At 34 m 1/2 1/2 Kottur, 10 houses. At 35 m 1/2 1/2 Kottur, 10 houses. At 36 m 1/2 1/2 Kottur, 10 houses. At 37 m 1/2 1/2 Kottur, 10 houses. At 38 m 1/2 1/2 Kottur, 10 houses. At 39 m 1/2 1/2 Kottur, 10 houses. At 40 m 1/2 1/2 Kottur, 10 houses. At 41 m 1/2 1/2 Kottur, 10 houses. At 42 m 1/2 1/2 Kottur, 10 houses. At 43 m 1/2 1/2 Kottur, 10 houses. At 44 m 1/2 1/2 Kottur, 10 houses. At 45 m 1/2 1/2 Kottur, 10 houses. At 46 m 1/2 1/2 Kottur, 10 houses. At 47 m 1/2 1/2 Kottur, 10 houses. At 48 m 1/2 1/2 Kottur, 10 houses. At 49 m 1/2 1/2 Kottur, 10 houses. At 50 m 1/2 1/2 Kottur, 10 houses. At 51 m 1/2 1/2 Kottur, 10 houses. At 52 m 1/2 1/2 Kottur, 10 houses. At 53 m 1/2 1/2 Kottur, 10 houses. At 54 m 1/2 1/2 Kottur, 10 houses. At 55 m 1/2 1/2 Kottur, 10 houses. At 56 m 1/2 1/2 Kottur, 10 houses. At 57 m 1/2 1/2 Kottur, 10 houses. At 58 m 1/2 1/2 Kottur, 10 houses. At 59 m 1/2 1/2 Kottur, 10 houses. At 60 m 1/2 1/2 Kottur, 10 houses. At 61 m 1/2 1/2 Kottur, 10 houses. At 62 m 1/2 1/2 Kottur, 10 houses. At 63 m 1/2 1/2 Kottur, 10 houses. At 64 m 1/2 1/2 Kottur, 10 houses. At 65 m 1/2 1/2 Kottur, 10 houses. At 66 m 1/2 1/2 Kottur, 10 houses. At 67 m 1/2 1/2 Kottur, 10 houses. At 68 m 1/2 1/2 Kottur, 10 houses. At 69 m 1/2 1/2 Kottur, 10 houses. At 70 m 1/2 1/2 Kottur, 10 houses. At 71 m 1/2 1/2 Kottur, 10 houses. At 72 m 1/2 1/2 Kottur, 10 houses. At 73 m 1/2 1/2 Kottur, 10 houses. At 74 m 1/2 1/2 Kottur, 10 houses. At 75 m 1/2 1/2 Kottur, 10 houses. At 76 m 1/2 1/2 Kottur, 10 houses. At 77 m 1/2 1/2 Kottur, 10 houses. At 78 m 1/2 1/2 Kottur, 10 houses. At 79 m 1/2 1/2 Kottur, 10 houses. At 80 m 1/2 1/2 Kottur, 10 houses. At 81 m 1/2 1/2 Kottur, 10 houses. At 82 m 1/2 1/2 Kottur, 10 houses. At 83 m 1/2 1/2 Kottur, 10 houses. At 84 m 1/2 1/2 Kottur, 10 houses. At 85 m 1/2 1/2 Kottur, 10 houses. At 86 m 1/2 1/2 Kottur, 10 houses. At 87 m 1/2 1/2 Kottur, 10 houses. At 88 m 1/2 1/2 Kottur, 10 houses. At 89 m 1/2 1/2 Kottur, 10 houses. At 90 m 1/2 1/2 Kottur, 10 houses. At 91 m 1/2 1/2 Kottur, 10 houses. At 92 m 1/2 1/2 Kottur, 10 houses. At 93 m 1/2 1/2 Kottur, 10 houses. At 94 m 1/2 1/2 Kottur, 10 houses. At 95 m 1/2 1/2 Kottur, 10 houses. At 96 m 1/2 1/2 Kottur, 10 houses. At 97 m 1/2 1/2 Kottur, 10 houses. At 98 m 1/2 1/2 Kottur, 10 houses. At 99 m 1/2 1/2 Kottur, 10 houses. At 100 m 1/2 1/2 Kottur, 10 houses.		

TABLE No 194

FROM MHOW TO HOSHUNGABAD.

GENERAL DIRECTION: R

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles.	Postmiles.						
General Officer Commanding Madras Division	Agent to the Government General for Central India and Bombay	From Mhow Cantonment Church to Talimat	18	64	18	0	The first 4 miles (the last) track runs over black and barren very gravelly soil.	Hills and walls	25 slopes	270 houses, occupying ground to the west of village. At 1 m. S. of Chavathur 10 houses, good mud walls to this from Mhow Cantonment. At 8 m. S. 1/2 f. a tank on the left of road. At 18 m. 75 f. Barabere about 11 f. to the left of road 18 houses. At 12 m. 6 f. Chavathur, 60 houses, and a wall.
		Chavathur H.	18	74			Ditto	Track and walls	15 slopes	206 houses, a travellers' bungalow, occupying ground to the N. near travellers' bungalow. At 4 m. W. of Morathi 151 houses and one wall. At 4 m. S. 1/2 f. Sump, 56 houses and a wall. At 8 m. S. 1/2 f. Marol 68 houses, 2 slopes and 1 tank. At 8 m. 71 f. Dera's 78 houses, 1 wall and Rapti river. At 12 m. S. 1/2 f. Odhoo 71 houses, 1 wall and a tank. At 14 m. S. 1/2 f. Althampur 80 houses under foot 3 walls.
		Talimat Pimples	8	1	88	7	The watercourse runs partly black soil	Hills and walls	Almost no slopes.	78000 houses, occupying ground to the N. of village. At 1 m. S. 1/2 f. over a low ridge of hills 1000 very ghastly thick low jungle on the ghast. At 1 m. S. 1/2 f. Karmavali about 8 f. to the right. At 10 lower 7 slopes, 3 walls and a wall. At 3 m. S. 1/2 f. cross hillside, walls, high in the last 2 m. 7 m. 1/2 f. road, 40 yards wide. At 3 m. 71 f. across a large ridge, high barbed wire, 80 yards.
		Current over			88	7				

Authority		Name of Stage	Distance		Road and Soil.	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Miles					
General Officer Commanding Madras Division, Madras	Agent to the Government of India, at Madras	Brought over		28					
		Unkade	0	28	Road good, soil black	Wells and wells	10 shops	1,000 houses; ground high, open, and extensive. Pass Coimbatore at 1 m. S. of Pudukottai at 2 m. S. of Pudukottai at 4 m. S. of Kolar at 7 m. S.	
		Bagawan	10	38	Road good, soil black partly washed away hills, and covered with jungle	Do.	Proconable	800 houses on very plain towards the end of the stage. Pass Bagawan towards at 1 m. S. of Pudukottai	
		Kuravada	14	52	Road good, very jagged all the way	Do.	20 shops	800 houses ground high, dry, and good, most of the houses covered with low jungle, with patches of cultivation. Pass Kallach at 1 m. S. of Kallach at 7 m. S. of Kallach at 10 m. S. of Kallach.	
		Chinnaveyana	8	60	Good road, soil black	Do.	1 shop	1,000 houses ground high and not extensive. Pass Kallach at 3 m. S.	
		Jayagum	0	60	Road good	Abundant	Abundant	A town At 3 m. S. of Kallach At 4 m. S. of Kallach At 7 m. S. of Kallach At 7 m. S. of Kallach	
		Gopalpur	7	67	Do.	Do.	Do.	A town At 3 m. S. of Kallach	
		Balla	10	77	Do.	Do.	Proconable	A good road village. At 6 m. S. of Kallach At 7 m. S. of Kallach At 7 m. S. of Kallach	
		Shethi	10	87	Do.	Do.	Abundant	A town At 1 m. S. of Kallach At 4 m. S. of Kallach At 6 m. S. of Kallach At 8 m. S. of Kallach	
		Kallach	7	94	Do.	Wells and wells	Proconable	A small village At 8 m. S. of Kallach At 10 m. S. of Kallach	
		Boodon	11	105	Do.	Abundant, from river	Transit station	A small village on the right bank of the River Kallach	
		Chinnaveyana	1	106	Do.	Abundant	Abundant	A town and military establishment on the right bank of the Kallach river which is here about 800 yards wide and crossed by a ferry	
		Total			145				
		14 March							

TABLE No 195

## FROM MEHOW TO KAMPTEE, BY BAITOOL

GENERAL DIRECTION, SE.

Location		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Percentage	Miles.	Percentage		
Chief Commissioner, Nagpur Division	Chief Commissioner, Nagpur Division	Mehow to Chander vans.			81	5		File Table No 191
		Chanderpore	7	8	88	7	Good road, black soil	From a tank
		Mehta P	7	0	95	7	Drift	From a tank
		Mehta P T	13	0	108	7	Good road, black soil 3 yds. and 1/2 m. 4 m. of H. side where on dry in open and cultivated	Drift
		Chanderpore to Chander vans	9	4	117	8	Good road, soil white.	Drift
		Chanderpore	18	8	125	1	Good road, soil black	From a tank and P. side
		Chanderpore	10	1	135	1	Good road for carts, but not for bullocks	From a tank and P. side
		Chanderpore	11	8	146	8	Good road, soil black and sandy	From a tank and P. side
		Chanderpore	14	6	160	8	Good road, soil black and sandy	From a tank and P. side
		Chanderpore	8	4	168	7	Good road, soil black and sandy	From a tank and P. side
		Chanderpore	9	7	177	8	Good road, soil black and sandy	From a tank and P. side
		Chanderpore	8	8	185	8	Good road, soil black and sandy	From a tank and P. side

Authority.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stages.	Total.						
			Miles.	Fathoms.						
		Brought over.....	--	200	2					
		Moolya .....	11	2	210	5	Wood rough, and bad for carts.	Large tank and 20 sheep wells, water good, and clean.	200 houses. Ground good and extensive. The course of the Tapti is near this. At 1 m. S. f. Tolana. At 5 m. Thane. At 6 m. S. f. Dandara. At 8 m. S. f. Wase.	
		Chikola Chawlor .....	8	8	218	0	Red soil .....	Good and abundant.	No village. Ground good, close to river. At 4 m. S. f. Malgaon. At 5 m. S. f. Purna, and cross Warda river, 80 yards wide.	
		Trepan .....	9	8	220	2	Good story where it crosses the M.D., above where good.	Good, from Jani river.	Market on 200 houses. Country open and cultivated. At 4 m. S. f. Karghar.	
		Besase .....	13	3	232	6	Good in dry season.	From good stream.	200 houses; ground good. At 3 m. S. f. Bandarpore, and cross Jani river. At 5 m. Pandeora. At 9 m. S. f. Marhangan.	
		Chikolce .....	7	5	237	2	Story and undulating; this jungle land-ward by (river) water all fertile.	Water good, and from running stream.	200 houses. Ground rather confined. At 2 m. S. f. Rajra. Country cultivated; a large banyan tree here.	
		Oomro .....	10	5	242	6	Good .....	Abundant, from tanks.	150 houses. Country open, cultivated, and wooded with mango and banyan trees. At 8 m. S. f. Udgapora. A few mounds and ditches between Udgapora and Oomro.	
		Barranpoor .....	13	6	254	2	Road good, and black.	From river.	Ditto 150 houses. A good, open plain on the right bank of the Chanderdurg river. Country open and highly cultivated. At 4 m. S. f. Mera. At 7 m. S. f. Baramoti, and Kankar river. At 11 m. S. f. Adana.	
		Kowaly .....	11	7	265	2	Ditto .....	From Kakan river.	Ditto 150 houses. Ground high, but confined, and land; country extensive. At 3 m. S. f. Changan. At 5 m. S. f. Babulnaka, whence a road branches to Karghar. At 6 m. S. f. Samarkandi. At 9 m. S. f. Gogha.	
		Kanpire Main Camp, P.T. ....	7	1	--	--	Ditto .....	Abundant .....	Abundant	Confinement. At 1 m. S. f. Baramoti. At 3 m. S. f. Warghara.
		Total .....	--	--	280	8				
		23 Marches.								

Note.—The road from Oomro to Belhal passes through heavy jungle and is considered to be very unhealthy in November.

From Belhal to Kanpire at Dabose to Moolya by the new road as follows:—

Inkharwa 7 m., Besase 10 m., Moolya 18 m.—total 35 miles.

TABLE No 196.

FROM MHOW TO KHUNDWA, BY THE SIMROLE GHAUT.

GENERAL DIRECTION, N 71

Authoriser		Name of Stage	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Packings, &c.	Miles	Packings, &c.				
General Officer Commanding Mhow Division, Mhow.	Agent to the Governor General for Central India, at Indore.	View to junction of the Indus and Sutlej rivers.	10	6	10	6				Side Table No 40
		Balwala	12	8	22	8				Side Table No 42
		Burna	10	4	23	7				
		Samratpur	6	7½	40	6½				
		Dorwa	11	8½	56	21				Side Table No 43
		Dangpur	8	2	61	13				
		Khundwa Station P P 1	14	8	75	24	Made road	Abundant	Abundant	
		Chief Quarter-Master General, Mhow								

TABLE No. 197

FROM MHOW TO MUNDLAISIE, BY THE JAM GHAUT.

GENERAL DIRECTION, S

Authoriser		Name of Stage	Distances				Road and Soil	Water	Supplies	REMARKS
			Stage		Total					
Military	Civil		Miles	Packings	Miles	Packings				
General Officer Commanding Mhow Division, Mhow.	As per order of the Officer Commanding Mhow Division	Mhow to Chikla Jua B	18	4	18	4	Good cart track, some dry open, well watered	3 wells and a tank	3 shops	30 houses and travellers' bungalow. At 1 m. S. of Chappan Barr, 127 houses, 8 wells and 8 shops. Cross several small hills by steep hills.
	On the main road to Chikla Jua	Mundlaisie P	27	6			Good cart track, after descending about the country is open	Mundlaisie river and numerous wells	Abundant	A populous town with a small well built fort on the right bank of the Mundlaisie river, and a place for encamping h.R. At 8½ m. S. of Mundlaisie, 16 houses, 2 shops. Cross several small hills and 1 steep city and villages.
	On the main road to Chikla Jua									
	On the main road to Chikla Jua	Total			45	10				
2 March										

TABLE No. 198. (1)

## FROM MHOW TO NEEMUCH, BY RUTLAM AND MUNDESORE.

GENERAL DIRECTION, N.W.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.		Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow.	Agent to the Governor-General for Central India, at Indore.	Mhow Cantonment Church to Akolia.	7	4	7	4	Made road; country covered with low jungle.	5 wells .....	5 shops .....	75 houses and inspection bungalow; encamping ground to the E. of the village. At 1 m. 2½ f. cross the Gumboer river (bridged). At 2 m. 1 f. pass Koombars' huts. At 2 m. 3½ f. Gulkwaroo Chowroo, 20 houses. The village of Mhow is 4 furlongs to the right. At 4 m. Bhotakheroo on the right. At 4 m. 7 f. Banjaroo on the left and Karowadeo on the right. At 6 m. 4 f. Pootumpoor, 30 houses, 1 shop.
		Oopree and Daroo ...	10	1½	17	5½	Made road .....	Chambal river ...	None .....	3 houses and inspection bungalow; encamping ground on the left bank of the Chambal river. At 0 f. pass Bardara on the right and Jamodeo on the left. At 3 m. 3 f. a short descent of 50 yards. At 5 m. 8 f. Bagdoon, 2½ f. on the right. At 6 m. 1 f. Mandhwa or Moondia 2 f. on the right. At 7 m. 5½ f. Motwar 2 f. on the right. At 9 m. 0½ f. Ghata Bilode 1½ f. on the left and on the right bank of the Chambal.
		Sadulpur .....	9	3½	27	1	Made road; country open.	Bagurdeo river and wells.	3 shops .....	100 houses and an inspection bungalow on the right bank of the Bagurdeo river; encamping ground to the E. of the village. At 1 m. 7½ f. pass Pankheroo. At 4 m. 1½ f. cross Mohineo river (bridged). At 5 m. 0 f. Bagger, 2½ f. on the right.
		Kagda .....	9	4	30	5	Iditto .....	Chambal river ..	A small bazaar; weekly market on Mondays.	300 houses, half a mile on the left; a temporary inspection bungalow; encamping ground to the N.E. of the village. At 4 f. cross the Bagurdeo river (bridged), and pass Joowada on the right. At 1 m. Sangalsura. At 2 m. 0 f. Antra, 5½ f. on the left. At 3 m. 2½ f. Mhoda or Moowada 4 f. on the left. At 4 m. 0½ f. Kherode 1½ f. on the left. At 6 m. 5 f. Mannase, 30 houses, 1 shop on the right. At 6 m. 1 f. Makree, 30 houses on the left.
		Boralee .....	11	0½	47	5½	Made road unfinished; 2 nullas unbridged.	Wells and a tank for 6 months.	1 shop .....	40 houses; encamping ground to the E. of village. At 2½ f. cross the Chambal river (bridged). At 3 m. 3 f. pass Banoleo on the right and Khajooroo on the left. At 4 m. 3 f. Khadigara on the right. At 5 m. 3½ f. an inspection bungalow. Kanoon, a large village, 5 f. on the right, and Bhole, 4 f. on the left. At 7 m. 3½ f. Batoon 2 f. on the right. At 9 m. ½ f. cross the Bholghat river (bridged), and pass Cho 2 f. on the right.
		Soghlana .....	10	5	58	2½	Road unfinished .....	Wells .....	Do. ....	60 houses 3 f. on the right; encamping ground to the S.W. At 1 m. 0 f. Gudgura 1½ f. on the left. At 4 m. Poldara, 20 houses, and cross the Baleswatee river to an inspection bungalow. At 5 m. 3 f. Budanware, a large village with tank, 7 f. on the left. At 9 m. 2½ f. Mooltan, a large village, 5 f. on the left.
		Carried over.....			58	2½				

Activities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Yards	Miles	Yards		
General Officer Commanding Mhow Division Mhow		Brought over						
		Stoppage	10	3			3 stops	200 houses $\frac{1}{2}$ on the right, country ground to the W, the village of G. 10/10 to the left. At 1 m $\frac{1}{2}$ / pass Bhandra. $\frac{1}{2}$ / to the right. At 2 m $\frac{1}{2}$ / Khara a few huts. At 4 m $\frac{1}{2}$ / Loharwa 2 huts. At 4 m $\frac{1}{2}$ / 5 huts. At 6 m $\frac{1}{2}$ / a chowhee. At 6 m $\frac{1}{2}$ / Barwa, 25 houses, and an independent bungalow.
		ReQuest S F T	9	5			Abundant	A large town about a mile to the left, the residence of the Beg. A large Government $\frac{1}{2}$ / 100 men, circular bungalow Post and Telegraph office, occupying ground to the N. near the (station) bungalow. At 2 m $\frac{1}{2}$ / Dhavra 800 houses 20 stops. At 4 m $\frac{1}{2}$ / a chowhee. At 6 m $\frac{1}{2}$ / another chowhee. At 7 m $\frac{1}{2}$ / 3 / Bala Khara 2 / on the right.
		Stoppage	9	0			15 stops	200 houses, occupying ground to the N. At 1 m $\frac{1}{2}$ / pass a chowhee. At 2 m $\frac{1}{2}$ / Dhavra. At 3 m $\frac{1}{2}$ / a chowhee and the village of Bhandra. $\frac{1}{2}$ / to the right. There were 100 houses 2 stops on the right bank of a large nullah (water-laid). At 6 m $\frac{1}{2}$ / Ambia, 2 / on the left.
		Town S F T	10	0			Abundant	A town on the Purna river about half a mile on the right, residence of the Beg. A large old town site for 100 men. Two travel bungalows and in the town and the other near (1) a occupying ground, which is to the N. of the town, Telegraph and Post offices. At 2 m $\frac{1}{2}$ / 3 / 200 houses on the left bank of the Gurgaria nullah and an independent bungalow on the right bank. At 4 m $\frac{1}{2}$ / a chowhee and across the Mar. was river 100 yards wide banks high bed stony. Strikable 3 days after heavy rain. At 6 m $\frac{1}{2}$ / Pothan 75 houses 2 stops on the right bank of a large nullah. At 7 m $\frac{1}{2}$ / a chowhee. At 8 m $\frac{1}{2}$ / Chota Pothan 2 / to the left. At 9 m $\frac{1}{2}$ / a chowhee. At 10 m $\frac{1}{2}$ / Loharwa 2 / to the right. At 11 m $\frac{1}{2}$ / Kowara 20 houses. At 12 m $\frac{1}{2}$ / a chowhee. At 13 m $\frac{1}{2}$ / Bura Khara, 2 / to the left. At 14 m $\frac{1}{2}$ / across the Purna river 100 feet wide banks low bed stony. Strikable a day after heavy rain.
		To Bhandra fort and square.	10	0				Take Table No. 20 (1)
		Total						
		18 November						

Note.—Purnanand occupying grounds marked out at all the stages both on Mhow and Bhandra.



TABLE No. 198. (2)

## FROM MHOW TO NEEMUCH, BY INDORE, OOJEIN, AND MEHIDPOOR.

GENERAL DIRECTION, NNW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.			
Military.	Civil.		Stages.								
			Miles.	Furlongs.							
		Miles.	Furlongs.	Miles.	Furlongs.						
General Officer Commanding Mhow Division, Mhow.  Agent to the Governor-General for Central India, at Indore.		Mhow to Oojein, NW. Gate.	49	4	49	4	.....	.....	.....	Vide Table No. 186. (3)	
		Kalochera .....	11	0	60	4	Cart-road, dangerous for guns in some parts, in consequence of deep ravines running into the road.	From wells, and the Sipra river.	Scanty, & shops.	300 houses. At 6 m. cross the Sipra river by a rough stony ford, at the Nana Katra Ghat. Country undulating, with low hills E. and W. of the river.	
		Mehidpoor .....	13	4	73	0	Stony in parts, passing between the river and a ridge of low hills. Road made near Mehidpoor.	Abundant, from river.	Abundant	A town on the right bank of the Sipra, celebrated for a victory by the Madras Army, under Sir T. Halsey, in 1817. The residence of the Political Agent, and a small cantonment. Pass the villages of Uraia (water and supplies), Sirpoor, and Mhow.	
		Jootawnd .....	10	0	83	0	A good cart-road during dry weather.	Nulla .....	Grain and fowls.	A middling village. Cross the Sipra from Mehidpoor, by boats, or by a ford 400 yards lower down. Pass the hill fort of Agawale, and several small villages; Sipra river on the right. Country undulating, and rising into considerable ridges.	
		Alote .....	11	2	94	2	Ditto .....	Ditto .....	Moderate	A middling village. Pass the large village of Patun, and some smaller ones. Country as before; a ridge of hills close to the left, and the Sipra from 3 to 4 miles off on the right.	
		Right bank of the Chumbul.	14	4	108	0	Ditto .....	Abundant .....	None .....	Pass the large village of Borkeira at 8 m., and several smaller ones. Country as before; a low ridge on the left.	
		Seeta Mow .....	13	5	121	3	Ditto .....	Ditto .....	Abundant	A small town, the residence of a Raja. Cross the Chumbul by a rough stony ford very bad for any wheeled conveyance, the dry part of the bed consisting of nothing but sheet rock, rising into considerable ridges.	
		Nargurh .....	18	0	134	3	Ditto .....	See river .....	Procumbent	A large village. Pass Nattaroe a small village, and Kajoroe a large one. Country as before; with some detached hills.	
		Hursore .....	14	0	148	3	Ditto .....	Nulla .....	Ditto	A large village. At 2 m. cross the See river, at the village of Appakala; bottom rocky, and unfavourable in the rains. Pass Goorowdia and Boards, the latter a large village, with a fine tank at 8 m. Country as before.	
		Palsora .....	10	0	158	3	Ditto .....	Ratana river .....	Ditto	A middling village. Half way pass Peolia; no supplies. Cross the Ratana river by ford. Country as before.	
		Noemuch Cantonment square. B.P.T.	12	7	...	...	Ditto .....	Abundant, from wells and nullas.	Abundant	Pass the small villages of Hatoorra and Jammoo.	
		Total.....		---	---	171	2				
		14 Marches.									

General Officer Commanding Mhow Division, Mhow.

Agent to the Governor-General for Central India, at Indore.



TABLE No. 198. (4)

FROM MHOW TO NEEMUCH, BY OJJEIN, MEHIDPOOR, JOWRA, AND MUNDESOBE.

GENERAL DIRECTION, N.W.

Authorities.		Name of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stages.	Total.				
			Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow.	Agent to the Governor-General for Central India, at Indore.	From Mhow to Oojein .....	46	4	.....	.....	.....	vide Table No. 183. (2)
		Kalohern .....	11	0	.....	.....	.....	vide Table No. 183. (3)
		Mehidpoor .....	18	4	.....	.....	.....	
		Kusarao .....	18	2½	Fair weather cleared cart-road.	Wells .....	16 shops .....	A large village, 500 houses; encamping ground N.W. or S.W. At 5½ f. crosses the Sina river 200 yards wide, banks high, bed stony, fordable in February at a ford called Khur-diala-ghatta. At 6 m. 54 f. crosses a nulla 20 yards wide, bed sandy, banks low. At 6 m. 1 f. Barroo Deloboo, 250 houses, and crosses a nulla 30 yards wide, banks low, bed sandy. At 10 m. ½ f. Goojapoor, 30 houses. Country open and cultivated.
		Limbodia .....	11	8½	Ditto	Ditto .....	None .....	30 houses; encamping ground W. At 5 m. 1 f. Mundawul, 307 houses, 2½ shops, and several wells. At 5 m. 4½ f. crosses the Bungalua nulla 16 yards wide, banks low, bed muddy and sandy. At 7 m. 0 f. Sabdoe, 30 houses. At 9 m. 2½ f. crosses the Chumbul river, 200 yards wide, banks high and broken, bed stony, fordable in December. Country open.
		Jowra B. P. T. ....	12	0	Ditto	Abundant .....	Abundant .....	A town on the Peoria river, residence of the Nawab, a large dharamsala, two travellers' bungalows one in the town and the other near the encamping ground which is to the N.W. of the town. Telegraph and Post offices. At 2 m. 7 f. Khujocree, 100 houses. At 6 m. 4½ f. Khujokhera, 40 houses, and crosses the Mullence river, 200 yards wide, banks high, bed sandy and rocky, fordable in December. At 8 m. 2½ f. Bhadurpoora, 75 houses.
		To Keemach .....	02	6½	.....	.....	.....	vide Table No. 69. (1)
		Total .....	171	4½				
		15 Marches.						

TABLE No 199.

FROM MHOW TO SAUGOR, BY ASHTA, BISHORE, BHOPAL, AND BHILSA.

GENERAL DIRECTION, &amp;c

General Officer Commanding Mhow District, Mhow

Agent to the Government General for Central India, at Indore

Authorities.		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stages	Total									
		From Mhow to Bhopal Papsa	13	41	38	7		786 Table No 194.					
			13	41	38	7		good road, partly through thick jungle, soil black. 1 well and a well. 5 shops.					
		Goga	10	2	33	51		Country partly open & soil black, well black. Wells and wells. Landed.					
			10	2	33	51							
		Ashta	9	6	72	51		Country open, cultivated, (black, brownish & wet weather). Abundant, from Purnapur and well. Abundant, from river.					
			9	6	72	51							
		Uda	14	24	80	54		good road, black soil. Wells. 5 shops.					
			14	24	80	54							
		Bishore	23	7	98	54		Date. River and wells. Abundant.					
			23	7	98	54							
		Corrected error			38	51							

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
		Stages.	Total.				
Military.	Civil.	Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Alwar Division, Alwar.		Brought over.....	99 3/4				
		Khujooree ... ..	10 5/2	110 1	Cleared road; black soil.	2 wells.....	4 shops .....
		Bhopal.....	10 1	120 3	Ditto .....	Abundant .....	Abundant .....
		Chopra .....	5 5	125 7	Cleared road .....	3 wells.....	3 shops; supplies moderate.
		Ganj .....	10 3/2	135 2 1/2	Cart track (cleared) ..	Abundant, from 3 wells.	Abundant, from 20 shops.
		Goolgaum .....	9 7/2	145 3	Cart track; soil black, occasionally gravelly.	3 wells and a large tank.	5 shops; supplies abundant.
		Bhilai .....	8 3	154 6	Cart track; soil black, occasionally gravelly.	Abundant, from several wells and river Betwa.	Abundant ..
		Khurree .....	10 7	164 4	Cart track over mixed soil.	From 6 wells and Siew river.	Supplies from 6 shops.
		Garruspoor .....	13 4	178 0	Cart track over black soil.	Abundant .....	Supplies from 15 shops.
		Bagrode .....	9 1 1/2	187 1 1/2	Good cart track; black soil; country cultivated, partly jungle.	3 wells of good water.	Abundant ..
		Carried over.....	137 1 1/2				
BENGAL PRESIDENCY. Officer Commanding Raigar District, Raigar.							

Antecedents		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Fathoms	Miles	Fathoms		
Recent Photograph Officer Commanding Bangalore District, Bangalore Chief Commanding Central Province, at Bangalore		Reception over		187 14				
		Bangalore	13 0	800 14	Good and soil as above	Abundant	Abundant	A small town, some pig ground N.E. At 1 m 11 f. Bangla Bagra, to be seen and S.W. At 8 m. over the river and 80 yards wide bank low. Suitable a day or so after heavy rain; a lot in the place. At 6 m. 2 f. Kancheravalli 80 houses, 1 well and a tank. At 7 m. 2 1/2 f. From 17 houses and a well. At 10 m. 1 f. Under post 30 houses and a well.
		Richmores	8 0	800 14	Good good	Scarcely	Scarcely	A small village, water from a well used also for a large force; supplied on one's property from Chavakere, Kancheravalli, and Kancheravalli. A well with plenty of water. Distinct about one mile from the encamping ground. At 4 m. Harbors Country for 8 m. M.D. and rocky afterwards open and cultivated.
		Mappe	10 0	810 14	Do. rather improved	Wells	Abundant	A somewhat small village, encamping ground marked out. At 6 m. 2 f. over the Division road (bridged) At 7 m. Division. Country partly cultivated hills of a 4 stage.
		Bangalore Church D.T.T.	8 0		Do.	Abundant	Do.	A large encampment and C. 2 Station. The town of Bangalore is situated on the N.W. and S.W. side of a large lake nearly a mile in length. Population 40,000. At 1 m. 4 f. from Bangalore. At 8 m. Bangalore. Country hilly, with well cultivated valleys.
		Total		876 14				
		El. Maximum						

TABLE No 200

## FROM MHOW TO BIRONJ, BY BIRONA.

GENERAL DIRECTION, BIRONA

Antecedents		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Bangalore District, Bangalore Agent to the Government General for Central India, at Bangalore		Mhow to Birona		187 14				Yale Table No 198.
		Mhow	14 0	142 14	First part over an excellent road through an open and well cultivated country; after some rough and steep, over a range of hills, with some 8 m. the remainder good.	Plentiful, from wells and small river	Plentiful	A considerable village with good encamping ground SW.
		Overland over		142 14				

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS.
			Stage	Total				
Military	Civil		Miles	Postage				
Other Commanding Officer District, Mowar	Agent to the Governor-General for Central India, at Indore	Brought over		143	3			
		Musat	9 0	141	3	Unfinished, intersected by ravine and covered with jungle.	Plentiful wells.	From Musat, considerable small villages. Green. Fairly river at 1 m. 4/ Very rough with an island in the centre, but very rough with rocks and large stones, water about a foot deep in December. The banks are high and steep, the right bank covered with jungle. Not practicable for Artillery.
		Lathore	11 0	152	3	Good road country open, and cultivated.	Plentiful wells and large tank, SW	Large village, crossing near tank.
		Murray P	18 8	161	3	Excellent all the way. Country flat open and highly cultivated. Near Murray hilly and stony.	Good and abundant from an extensive well in the river.	Plentiful, good lower.
		Total		161	3			A large river on the Kattien river, right bank. It is surrounded by large tracts of trees which extend for a considerable distance in a direction from NE. to SW along both sides of the river. To the west of the town at about 1 m. distance, is a range of low hills running N and S, covered with low jungle. The banks of the river, W of Musat are much intersected with deep ravines, but to the S and SE the country is quite open and flat. Numerous good extensive and extensively good, local, sandy soil.
14 Mowar								

TABLE No. 201.

## FROM MHOW TO SURAT, BY KHUL, RAJPOOR, AND SHADA.

GENERAL DIRECTION, SW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		Miles Postage	Miles Postage				
General Officer Commanding Mowar Division, Mowar	Agent to the Governor-General for Central India, at Indore	From Mhow to Musat	13 8	13 8	Made road for 4 miles the road country and tank	Deb river	None	7-10 Table No. 18 (B)
		Gopree	13 5	26 3				
		Bura Khul	15 54	41 54				
		Kaerapoor	12 0	53 54				
		Khapoor	8 0	61 54				
General Officer Commanding Mowar Division, Mowar	Agent to the Governor-General for Central India, at Indore	Rajpore	8 0	69 54	Country and tank	River and wells	100 sheep, mules and oxen	7-10 Table No. 143.
			Quoted over	67 54				
								60 houses 8 dispensaries school, Post office, Atlimpore's latrine; surrounding ground S and on the left bank of the Rajpore river; near the Deb near Khapoor. At 3 m. from the Deb near Khapoor. At 5 m. from the Mowar river. At 6 m. from the Mowar river. At 6 m. from the Mowar river.

Authority.		Name of Station.	Distances.		Road and Rail.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stage.	Total.						
			Miles.	Pathways.						
General Officer Commanding Mysore Division, Mysore.		Agent to the Governor-General for Central India, at Calcutta.	Brought over.....	—	—	—	—	—		
	Tyranth.....		18	85	23	7	Country very bleak.	River.....	None.....	
	Barabare.....		18	8	—	—	Ditto.....	Kalla.....	Ditto.....	
	Panemal P.....		18	7	118	0	Ditto.....	Ganges river.....	3 steps.....	
General Officer Commanding Punjab Division, Poona.		Collector of Khairatabad at Khairatabad.	Chappara.....	8	8	181	8	Ditto.....	Ditto.....	1 step.....
	Khair P.....		8	73	180	84	Ditto.....	Ganges river and hills.....	3 steps, not cut by the river.	
	Parham P.....		7	7	186	11	Ditto.....	Alamabad, river and walls.....	3 steps, not cut by the river.	
	Carried over.....		—	—	186	11				





TABLE No 202.

## FROM MEHOW TO TOOBUN MULL, BY KHUL AND BURWAUNIE.

GENERAL DIRECTION, SW

Authenticity		Name of Stages	Distance.				Road and Trail	Water	Supplies	REMARKS		
			Stage		Total							
			Miles	Fathoms	Miles	Fathoms						
Military	Civil											
General Officer Commanding Long Mying Division, Meikong Agent to the Government-General of the Chindwin Division, Meikong		From Meikong to Meikong	18	0	18	0	Made road	Wood river	None	Side Table No. 20 (7)  A small village on the left bank of the Meikong river at about 8 fms left of road. Cross the Meikong river from Meikong to Meikong.		
		Geogras	18	8	27	8						
		Burwa Kham	18	84	36	84						
		Teelras	8	0	44	84	Cart track	Deh river	None	A small village on the right bank of the Deh river. Leave the made road at Teelras and take west. At 8 fms. Cross the Deh river and cross a ridge. At 8 fms. Gaba. At 8 fms. 4 fms. Down country hill and jungle.		
		Gumbas	18	0	62	84						
		Unjar	18	0	79	84						
		Burwa Kham	10	41	89	84	Do	Abundant	Abundant	1000 houses (the residence of the Raja) on craggy ground. At 1 fms. cross a ridge. At 8 fms. 1 fms. At 1 fms. cross a large ridge. At 8 fms. A. S. S. S.		
		To Teelras Hill	22	0								
				Total			100	84				Side Table No. 20
				18 March.								

TABLE No 203

FROM NEHMUCH TO AGRA, BY CHITTORGURH, KHOOSHALGURH, AND HINDOUN.

GENERAL DIRECTION, &amp;c

General Officer Commanding Mhow Division, Mhow

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Packages				
			Miles	Packages				
Agent to the Government-General for Central India at Indore.		From Neemuch (the told square) to Pyawara (the camping ground)	7 04	7 04	Made road	2 wells	5 stages	180 houses and a small Kherwalia, an empty ground SW. At 1 m. 11/2 p.m. Kherwalia. At 1 m. 11/2 p.m. a shallow well towards road from the town of Neemuch just here. At 2 m. 41/2 p.m. Doodhwa. At 3 m. 10/2 p.m. a shallow well at the top of a slight ascent, very with a well at the foot. At 4 m. 11/2 p.m. Backman. At 5 m. 41/2 p.m. a shallow well towards the village of Kherwa in the right country open across 11 small and 1 large wells in the marsh.
Agent to the Government-General for Rajasthan at Ajmer		Kherwa (the large bungalow) R. P.	7 3	14 04	Ditto	Track and wells	Abundant, a large house	A walled town with bungalows and re- sidence bungalows; empty ground N above the travellers' bungalow, leads road to Chittorgurh bungalows off on left. At 4 m. 11/2 p.m. Pancha and Jala on the right. At 5 m. Kherwalia and across the Kherwalia river, 20 yards wide, but nearly banks high, fordable a day or so after heavy rain.
Agent to the Government-General for Rajasthan at Ajmer		Barkhanda (the camping ground)	8 14	22 18	Cart road	Water from river and wells	10 stages	180 houses on the right bank of Barkhanda river, about 8 f. to the right. Empty bungalow and empty ground on the left bank. At 8 m. 41/2 p.m. Alampara. 2/2 on right. At 9 m. 11/2 p.m. Barkhanda houses, 1 stage. At 10 m. 11/2 p.m. Barkhanda 180 houses. At 11 m. 41/2 p.m. across the Barkhanda river to Barkhanda about 8 f. to left the river is 100 feet wide but rocky, banks low, fordable a day or so after heavy rain. Country open with few low jungle in parts.
Agent to the Government-General for Rajasthan at Ajmer		Chittorgurh (the large bungalow) R. P.	10 14	32 32	Ditto	Plentiful Barkhanda and Gandhara rivers	Abundant and large rivers	A walled town, about 1 m. to the right, connected by a hill fort about 3 miles in length and 1 mile in breadth, but in a disaggregated state, empty ground on left and travellers' bungalow on right of road. At 12 m. 7/2 p.m. Ura. 80 houses 1 stage and 6 wells. At 13 m. 11/2 p.m. 2/2 to left. At 14 m. 41/2 p.m. Barkhanda.
Agent to the Government-General for Rajasthan at Ajmer		Chittorgurh (the camping ground)	11 8	43 40	Ditto	Plentiful good.	and 10 stages	A village of 100 houses, connected by a hill fort in land right, about 6 f. to the left of the road, empty ground on right, and an empty bungalow on left of road. At 17/2 p.m. the Barkhanda river, 20 yards wide, banks high, but nearly and nearly fordable 2 or 3 days after heavy rain. At 18 m. 11/2 p.m. Barkhanda. At 19 m. 11/2 p.m. Chittorgurh 8 houses 3 wells. At 20 m. 11/2 p.m. Barkhanda 11/2 to the right. At 21 m. 7/2 p.m. Barkhanda, 11/2 to the right, the road here passes between two hills. At 22 m. 11/2 p.m. a shallow well. Country covered with few low jungle up to Barkhanda. Country with Ghat and high, across 7 small and 3 large wells in the stage.
Agent to the Government-General for Rajasthan at Ajmer		Desert over		44 04				

General Officer Commanding Mhow Division Mhow

Authority	Military	Civil	Name of Stage	Distances				Road and Soil	Water	Days here	Remarks				
				Stage		Total									
				Miles	Parangs	Miles	Parangs								
			Brought over			80	84								
			Huamogah (The village banglora)	8	21	88	9	Quil road	Thatched walls and thatch	Thatched weekly market on Tuesdays	A large walled village surrounded by a 1/2 ft. in good paper, overlooking a large tract; occupying ground (barrow) and has other buildings to the S. of village. At 2 m. 21/2 past Khon to the left. At 3 m. 81/2 a clearing. At 5 m. 11/2 (Dahon, p. 200, 21/2) to the left. Locality covered with thick jungle; cultivation about the village.				
			Eleven (Three large banglora)	11	7	99	8	Quil road	Thatched walls	Small abundant; large house	A walled town about 8/2 to the S. 11/2; occupying ground in the W. of the town and across the river. At 1 m. 7/2 cross the Bangor river. 400 yards wide and sandy banks low. At 2 m. 3 or 4 days after heavy rain. At 3 m. 11/2 (Guanter 30 houses 3 mile country open; cross 1/2 miles in thick forest).				
			Stone	11		110	0	Good road, over a vast undulating plain covered with low bushes and a few scattered trees and low hills. Stage low, above village.	Thatched	Scanty	Small village. At 1 m. 4/2 past the dry rocky bed of the Koton river about 800 yards wide with low banks. At 2 m. 3/2 (Banglora), a walled town in a ravine made. At 3 m. 3/2 (Changue); at 3 m. 8/2 (Koon); cross 1 mile.				
			Banglora	14	0	124	0	Do it	Thatched	Abundant	A walled town. Cross 3 miles, which form an impediment, being dry even after the rain. Kyan at 1 m. 8/2 (Kuanter) at 4 m. 8/2 (Dahon) or (Dahon) at 7 m. 2/2.				
			Lamoon	18	0	142	0	Do it	Walls	Scanty, from more of banglora and should be taken as from last stage	A small village. At 4 m. 8/2 past Koton and at 5 m. (the dry bed of the Koton river, 20 yards wide and very dry. At 6 m. 8/2 (Dahon); at 8 m. 4/2 (Kuanter) or (Kuanter).				
			Chinook	18	0	160	0	Good to three miles and then afterwards and had the curia.	From walls and already good		A village and small stone fort at the foot of a rocky range of hills. At 1 m. 4/2 past Koton; and at 2 m. 8/2 a walled town protected by a small hill fort. Country is barren, hilly and rocky, thin soil in a vast plain, and afterwards as at first.				
			Farmer	11	0	171	0	Good heavy	Thatched	Abundant	A large village surrounded by a mud wall and having a small wall fort inside. Past the town at 2 m. Kyan at 4 m. Cross at 4 m. 2/2 the Bangor river, 400 yards wide, nearly dry in December (had heavy rain) and banks are very high or difficult to cross. At 7 m. (Dahon) or (Dahon); cross also 3 miles.				
			Dahon	11	0	182	0	Good excellent road with low hills; cultivation near village; hills right and left.	Good water from wells and a pond	Scanty	A large village surrounded by a low mud wall and small ditch. At 4 m. 2/2 (Kuanter) at 4 m. 4/2 cross miles all dry, and forming no impediment.				
			Chinook or Kuanter	10	0	192	1	Good over a plain with (thick hills; small parties; interval; road in some places but of little consequence; cross past road leaving plain; good deal of cultivation near	Do it	Scanty	7 Kyan. At 10 m. 1/2 cross a mile which is small and very dry and across the boundary between Jeyan and Thak.				
			Eleven	13	0	205	1	Good over a plain with (thick hills; small parties; interval; (is road in some places but of little consequence; cross past road leaving plain; good deal of cultivation near	Thatched and good from Thak	Scanty	A village. The large town of Thak is about 10 m. NW of it.				
			General over			205	1								

Agent to the Government-General for Expenses, at Jeyan

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stage						Total				
			Miles	Paras						Miles	Paras		
General Officer Commanding Mhow Division, Mhow		Up to the Governor General for Mhow, at Ajmer		Brought over		16 1/2	5						
				Shree	11	1	177	1	Country, as far as the Shree river, a plain covered with potted land, and road sandy, afterwards undulating and here road good	Plentiful	Plentiful	A hill fort, and large populous village. At 1 m 1/2 cross a nullah which becomes dry immediately after the rain, 30 yards wide, 1 m sandy banks low. At 9 m cross the Shree river at Mandwar ghāt, bed 800 yards wide, and sandy stream during dry season; from 30 to 36 yards wide and from 1 to 1 1/2 feet deep. Left bank low, and right high, and a stiff path for carts	
				Preysavara	14	0	191	1	Road good	Wells	Plentiful	At 3 m 4 f pass under the hill fort of Barwarp. At 8 m 4 f pass a ravine, and cross the dry bed of the Ghad river, 100 yards wide left bank 1 m right low. Approaching Preysavara, there is a well on the left of the road for some distance	
				Chandarnar	11	4	202	5	Road excellent, and approaches the hill with a heavy canopy on either side and here.	Free wells and good	Plentiful	A small village surrounded by a mud wall and ditch, all having a mud garden inside all going to decay. Cross a nullah, small and dry, at 4 m 4 f	
				Betko	8	8	210	8	Country undulating and here; road good	Wells	Plentiful	A small village surrounded by a dilapidated mud wall and ditch. At 6 m 3 f pass Thanevpar on the right bank of the Morol, which is crossed here, dry sandy bed across a wide waste. Hills right and left at a distance	
				Verapara	8	4	218	7	Country as before road good, the hill is heavy	Plentiful, from wells and the Shree river	None at all, but some from wells at 4 m	At 8 m 4 f cross the Shree 100 yards wide, banks steep, bed sandy mud; small fall of water in dry season. Hills on right, at the distance of 3 m	
				Akshaygarh	8	7	226	0	Road very dry and heavy for carts, some dry open and here	Plentiful and good from wells	None	A large town and good harbor, enclosed by a mud wall and ditch. At 8 m 3 f pass Barwarp, 20 yards wide with low banks and sandy bed dry for 8 months in the year. At 8 m 1 f cross a small nullah, low banks and clayey bed, with water in pools rising from a spring	
				Thanevpar	11	6	237	1	Road pretty good, some open and partly cultivated; hills	Ditto	Ditto	A large village as a small town. At 1 m 6 f pass Barwarp, at 5 m Barwarp, at 6 m Chaur. At 9 m 3 f Barwarp and some wells dry for 8 months but sandy, banks low. Hills on right at 3 m or 3 1/2 m	
				Katgarh	7	7	244	8	Road good, crossing the river, the road is on both sides of the river, which is here for carts	Plentiful, from wells and the Shree river	Plentiful	A small village. Pass at 8 m 3 f Koorwa. In Chaur. At 4 m 3 f Barwarp, over the Ghad river near Katgarh, bed 800 yards wide sandy bed dry for about 8 months in the year	
				Madan	8	2	252	5	Road good, some open and partly cultivated; hills	Plentiful	Good from wells	A large open town. At 8 m 3 f pass Barwarp, at 1 m 1/2 Barwarp, at 3 m 3 f Barwarp. Hills right, at 3 m or 3 1/2 m distance	
				Baria or Barota	8	4	260	1	Road good, country is cultivated and here	Ditto	Plentiful	A large village and a small town, enclosed by a mud wall and ditch. At 3 m 4 f cross the Ghad river, immediately after the rain, bed sandy. Bridges of hills at a distance right and left	
				Baria	11	7	271	0	Road for the hill is very dry for carts, country is very dry and partly cultivated for the last 3 miles there is a heavy rain the hill is	Plentiful	Plentiful	A large town, at the foot of an extensive hill. At 11 m 1/2 cross a small nullah which is on the left of the road and with a stream of 1 1/2 feet wide at 8 m a small stream. At 8 m 3 f cross the dry bed of the Ghad river 100 yards wide, and sandy a nullah wide; a ridge of hills to the right at about 8 m distance	
				Carried over				271	0				

General Officer Commanding Mhow Division, Mhow

Up to the Governor General for Mhow, at Ajmer

General Officer Commanding Mhow Division, Mhow

General Officer Commanding Mhow Division, Mhow

General Officer Commanding Mhow Division, Mhow

Country, as far as the Shree river, a plain covered with potted land, and road sandy, afterwards undulating and here road good

Road good . . . . . Walls . . . . .

Road excellent, and approaches the hill with a heavy canopy on either side and here.

Country undulating and here; road good

Country as before road good, the hill is heavy

Road very dry and heavy for carts, some dry open and here

Road pretty good, some open and partly cultivated; hills

Road good, crossing the river, the road is on both sides of the river, which is here for carts

Road good, some open and partly cultivated; hills

Road good, country is cultivated and here

Road for the hill is very dry for carts, country is very dry and partly cultivated for the last 3 miles there is a heavy rain the hill is

Country, as far as the Shree river, a plain covered with potted land, and road sandy, afterwards undulating and here road good

Road good . . . . . Walls . . . . .

Road excellent, and approaches the hill with a heavy canopy on either side and here.

Country undulating and here; road good

Country as before road good, the hill is heavy

Road very dry and heavy for carts, some dry open and here

Road pretty good, some open and partly cultivated; hills

Road good, crossing the river, the road is on both sides of the river, which is here for carts

Road good, some open and partly cultivated; hills

Road good, country is cultivated and here

Road for the hill is very dry for carts, country is very dry and partly cultivated for the last 3 miles there is a heavy rain the hill is

Anchorages.		Season of Steaps	Distances		Road and Soil	Water.	Supplies	REMARKS		
			Stages	Total						
Military	Civil.		Miles.	Parasangs.	Miles.	Parasangs.				
		Brought over		878	0					
Brigade, Provisionary Officer Commanding Forces, Durrane, Mowat Agent to the Government Commanding Forces, at Agaña.  Observer at Agaña		Redwood	10	0	222	0	Went through a partly cultivated country.	Good water wells.	Good. Provisions from Kadi-wal and neighboring villages.	A small, good village; surrounding ground for between the 1st and 2nd mile over the Gumbur. At 3 m. pass Durrane. At 5 m. Kumbur, and cross a valley, which is well as the river as dry in November; slope of hills runs nearly parallel to the road.
		Kuma	10	0	36	0	Went at first good; then broke off heavy; some dry partly cultivated.	Few wells.	Provisionable.	A large village. Slope of low hills on the right the whole way. Surrounding ground fair. At 8 m. Kumbur. At 5 m. Duma. At 7 m. 4 f. across the Manganga, bed heavy sand.
		Pattakpoor Bahi	8	4	302	4	Went in some parts good, in others heavy sand.	Mild.	Good house.	Surrounding ground near the 8 mile of the old town well. At 4 f. pass Galla. At 5 m. 6 f. Kumbur. At 3 m. 9 f. Duma. At 4 m. 4 f. Kumbur. At 8 m. Kuma. At 7 m. 4 f. Kumbur. Between the 3d and 4th mile across the dry bed of the Manganga river heavy sand. Slope of low hills left, and then some washed banks.
		Mitchell	10	1	312	0	Went made; country highly cultivated.	Wells.	Small house plentiful.	A large village. At 1 m. Kuma. At 2 m. 4 f. across the Kuma Madow to Kumbur. At 5 m. Kumbur.
		Agua Guistomani Olorok P. T.	10	4			Went made and cultivated bridge.	Abundant.		At 8 m. 4 f. Kumbur. At 5 m. 4 f. Kumbur. From Kumbur there is a direct and road to the postmaster.
		Total		354	4					
		31 March								

TABLE No. 204. (1)

FROM NEEMUCH TO AUGUR, BY MUNDESORE AND ALOTE.

GENERAL DISPOSITION OF

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage	Total				
			Miles Fathoms	Miles Fathoms				
General Officer Commanding Military Division, Mysore	Agent to the Government, Bangalore, Central India, 25 Bangalore.	From Bangalore to Chidambaram	11	7	11	7	Main road	File Table No. 80 (1)
		From Mysore	10	8	10	8		
		Machilipatnam	10	8	10	8		
		Madurai	11	4	11	4		
		Grand total	41	1	41	1	Ordnance, mail, and baggage	



Authority		Name of Stage.	Distance		Road and Road	Water	Roughness	Remarks						
Military	Civil		Stage.	Total										
			Miles.	Package	Miles.	Package								
General Officer Commanding My Horse Division, Mysore	Agent to the Government, General for Central India at Lucknow	Brought over:			50	75	Good cart track.	Abundant	Abundant	A town with a small fort on the right bank of the Kali S. rd river, occupying ground to the S. or W. At 1 m. S. of Mysore. At 3 m. S. of Ursatthi. At 3 m. S. of Kumbhacharya. At 4 m. S. of Kalyan. At 4 m. S. of Kumbhacharya. Country open & cultivated, then jungle between Ursatthi & Mysore and across the Kali S. rd to Gangur. Road made in December.				
		Gangur	5	24	55	5								
		Barade	15	0	64	5					Very track rough and winding as peria.	Ditto	Ditto	A small town with a Ghurrie, occupying ground S. or W. At 3 m. S. of Mysore. At 5 m. S. of Ursatthi. At 6 m. S. of Kumbhacharya. At 8 m. S. of Kalyan. At 9 m. S. of Ursatthi. At the top of a hill. At 11 m. S. of Mysore. Country covered with the natural jungle.
		Angur Chikmagalur	14	04							Very track	Ditto	Ditto	At 12 m. S. of Kumbhacharya. At 13 m. S. of Kalyan. At 14 m. S. of Ursatthi. At 15 m. S. of Mysore. At 16 m. S. of Ursatthi. At 17 m. S. of Kumbhacharya. At 18 m. S. of Kalyan. At 19 m. S. of Ursatthi. At 20 m. S. of Mysore. Country covered with the natural jungle.
		Total			80	84								
		8 Miles.												

TABLE No. 205

FROM NHEMUCH TO AWA  
GENERAL DELICIOUS NW

Authority		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		M	F	Miles	Furlongs		
General Officer Commanding Marwar Division	Agent to the Government General for Department of Agriculture	From Loharnah to Mysore	7	54	7	04		The "Mysore" is the only
		Amritsar	7	3	13	03		
		Amritsar	12	0	37	03		
		Chota Kumbhar	11	4	20	43		
		Jaun	15	5	54	14		
		Shikhar	9	5	38	54		
		Kumbhar	14	0	78	43		
		Purani	14	7	83	54		
		Jaun	10	1	108	43		
		Summed over				108	43	



Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding 11th Mhow Division, Mhow	Agent to the Officer in Charge of the Central of the Division at Mhow	Deogarh over		102 1/2				
		Berra Dulah	14 2	116 1/2	The first two miles a Alternant, Good Moderate			A small village on the left bank of a water. From at 8 m 1/2 / Berra, small village with a shop 4 miles and 2 tanks At 12 m 1/2 / Chota Dulah
		Berra	7 0	123 1/2	Good road	Good from river which runs past the town	Water must be given	A small town. Good camping ground
		1 mi	14 0		None	Large tank and Alternant		Partial town. Antithesis destroyed in 1842.
		Total		111 1/2				
		12 Mhow						

TABLE No 206

## FROM NERMUCH TO BOONDEE, BY HINGOWLEE

OF THE DISTRICT, S.M.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding 11th Mhow Division, Mhow	Agent to the Officer in Charge of the Central of the Division at Mhow	Prata Boudh Jat	30 7	10 7	Good cart road over undulating ground.	Water and wells	Abundant	A small town occupying ground to the N.W. of the town. Country open and well cultivated. At 8 m 1/2 / Berra, small village with a shop 4 miles and 2 tanks At 12 m 1/2 / Chota Dulah
		Chauran	8 4	19 8	Good cart road	Abundant	Water	400 houses, situated on the left bank of the Ghosia river occupying ground rough and to the N.W. At 11 m 1/2 / Jat. At 12 m 1/2 / Berra, small village with a shop 4 miles and 2 tanks At 12 m 1/2 / Chota Dulah
		Dudra	10 1	29 1	None	None	None	400 houses occupying ground to the N.W. of the town. Country open and well cultivated. At 8 m 1/2 / Berra, small village with a shop 4 miles and 2 tanks At 12 m 1/2 / Chota Dulah
		Hattigowlee	7 1	36 1	Do. but rocky	None	None	A large village, with a hill fort, situated on the Ghosia river occupying ground rough and to the N.W. of the town. At 11 m 1/2 / Jat. At 12 m 1/2 / Berra, small village with a shop 4 miles and 2 tanks At 12 m 1/2 / Chota Dulah
		Boondee	14 0	50 1	From a steep and difficult road, from the town.	None	None	A large village, situated on the Ghosia river occupying ground to the N.W. of the town. Country open and well cultivated. At 8 m 1/2 / Berra, small village with a shop 4 miles and 2 tanks At 12 m 1/2 / Chota Dulah
		Chauran						



TABLE No 207.

## FROM NEEMUCH TO DEOLER, BY CHITTORGURH AND JHAZPOOR

GENERAL DESCRIPTION, &amp;c.

Authority.	Name of Station.	Distance		Road and Soil	Water	Supplies.	Remarks.
		Station	Total				
Station	Order	Miles	Furlongs	Miles	Furlongs		
General Officer Commanding in Chief Agent to the Director of Forests & Agriculture, &c.	From Neemuch to (Malar) m.		21 51				See Table No. 203
	Bareilly	12 41	47 3	Good cart road	Abundant	A small house	A large village At 1 m 8 f from Neemuch where branches off a path to Malar. At 3 m 2 f Bareilly to the right At 3 m 1 f Dandeshwar At 3 m 6 f Jams and Bony at 3 f to the right At 8 m 4 f Jhagpur, a large village. At 8 m 2 f Jhagpur, At 9 m 7 f Bhaloda situated at the foot of a hill
	Jhagpur	7 11	31 41	Ditto	Wells	1 shop	20 houses At 8 m 11 f Jhagpur, 20 houses At 8 m 1 f Bhaloda At 8 m 8 f Tarnan At 8 m Jhagpur Country to the E. hilly and to the W. covered with thick jungle
	Bommalas	8 1	39 71	Cart track	20 wells	180 shops	Large town consisting of about 500 houses, occupying ground in the village. Roads from the Jhagpur pass 1 to 1 m wide Country as above, and soil. At 7 f from National to the left At 1 m 6 f Bhaloda At 2 m 8 f Jhagpur
	Nandice	11 45	71 4	Good cart road	Abundant, from 13 shops in the Kachhwa river		200 houses occupying ground on the right bank of the river. Country open and well cultivated, with patches of low jungle, and black. At 3 m 5 f Jhagpur and across the Bhaloda river by the 100 yards wide At 8 m 1 f Jhagpur At 8 m 4 f across the Bhaloda river, 200 yards wide to Bhaloda and across the Kachhwa river at the end of the slope
	Jhagpur	18 0	89 4	Ditto	20 wells and land, 20 shops		200 houses Occupying village in a hill fort of considerable strength surrounded with dense jungle, occupying ground to the N. of the village, Bhaloda river to the left, covered with jungle country unimproved, and black. At 8 m 1 f Bhaloda At 8 m 7 f Dandeshwar At 8 m 4 f Jhagpur At 11 m 5 f Bhaloda At 12 m 1 f Jhagpur Cross the Bhaloda river 100 yards wide, with approximation winding and cultivated at 12 m 6 f
	Jhagpur	11 0	100 4	Ditto	Abundant	Abundant	A walled town, with a fort, occupying ground to the W. of the town to the left. Country hilly and producing Jhagpur, and road for 1 except near Jhagpur, and black. At 1 m 2 f Jhagpur At 8 m 1 f Jhagpur From Jhagpur are two roads to Bhaloda by Jhagpur and Bhaloda, rather rough but traversable
	Deolwar (Deolwar) B.P.	11 8		Ditto	Abundant	Abundant	Deolwar of Deolwar, at which an Irregular Country Co. is situated. Country open, good cart road, some stony and rocky, and with low jungle at a considerable elevation, low hills to the right At 8 m 7 f Bhaloda At 8 m 1 f Bhaloda At 10 m 4 f Bhaloda
	Total		114 7				
	11 March						

[illegible]

TABLE No 208

FROM NERBUTCH TO MBINPOORA, BY THE SUMNHILL PASS.

GENERAL DISPOSITION NOT

[illegible]

Ambulance.	Name of Stage.	Distances				Road and Soil.	Water.	Supplies.	Remarks.
		Stage	Total	Stage	Total				
Military	Civil	Miles	In company.	Vehicle	Footpath.				
		Brought over ..	41	16	16	Good cart road ..	Thick and walls	10 shops ..	A large village, 500 houses, encompassed by the SW of village. At 1 m. S. from Kumbhara, At 4 m. S. from Chakla, 3 1/2 to the right. At 5 m. S. of Chakla, At 7 m. S. of Chakla, At 8 m. S. of Chakla, a large village. At 9 m. S. of Chakla, and Government, 3 1/2 to the right. At 11 m. S. of Mandoline. At 12 m. S. of Pithora. At 14 m. S. of Pithora. Good cart road, through open and cultivated country, but unsuitable in parts, and hard and stony.
		Kumbhara ..	17	2	79	Good cart-road for 12 m., the rest through hilly country.	Abundant ..	Abundant	A walled town, situated on the slope of a hill, almost surrounded by hills, celebrated for Hindu pilgrimages, occupying ground to the SW of town on the left bank of the Bhana. At 1 m. S. of Pithora. At 4 m. S. of Pithora. At 5 m. S. of Pithora. At 10 m. S. of Pithora. At 12 m. S. of Pithora. At 14 m. S. of Pithora. At 16 m. S. of Pithora. At 18 m. S. of Pithora. At 20 m. S. of Pithora. Cart-road through open and cultivated country up to Mandoline, thence through hilly country to Kumbhara.
		Mahar ..	18	4	82	Cattle track ..	Scarcely there	1 shop ..	50 houses, encompassing ground enclosed. At 4 m. S. of Kumbhara. At 5 m. S. of Kumbhara. At 6 m. S. of Kumbhara. At 7 m. S. of Kumbhara. At 8 m. S. of Kumbhara. At 9 m. S. of Kumbhara. At 10 m. S. of Kumbhara. At 11 m. S. of Kumbhara. At 12 m. S. of Kumbhara. At 13 m. S. of Kumbhara. At 14 m. S. of Kumbhara. At 15 m. S. of Kumbhara. At 16 m. S. of Kumbhara. At 17 m. S. of Kumbhara. At 18 m. S. of Kumbhara. At 19 m. S. of Kumbhara. At 20 m. S. of Kumbhara. Cart-road through open and cultivated country up to Mandoline, thence through hilly country to Kumbhara.
		Belkhal ..	15	8	110	Rough and cattle road.	Hills and walls	3 shops ..	125 houses, encompassing ground NW of village. At 8 m. S. of Kumbhara. At 9 m. S. of Kumbhara. At 10 m. S. of Kumbhara. At 11 m. S. of Kumbhara. At 12 m. S. of Kumbhara. At 13 m. S. of Kumbhara. At 14 m. S. of Kumbhara. At 15 m. S. of Kumbhara. At 16 m. S. of Kumbhara. At 17 m. S. of Kumbhara. At 18 m. S. of Kumbhara. At 19 m. S. of Kumbhara. At 20 m. S. of Kumbhara. Cart-road through open and cultivated country up to Mandoline, thence through hilly country to Kumbhara.
		Kumbhara ..	18	8	128	Hills ..	Thick and walls	30 shops ..	700 houses, encompassing ground to the NW of village. At 1 m. S. of Kumbhara. At 2 m. S. of Kumbhara. At 3 m. S. of Kumbhara. At 4 m. S. of Kumbhara. At 5 m. S. of Kumbhara. At 6 m. S. of Kumbhara. At 7 m. S. of Kumbhara. At 8 m. S. of Kumbhara. At 9 m. S. of Kumbhara. At 10 m. S. of Kumbhara. At 11 m. S. of Kumbhara. At 12 m. S. of Kumbhara. At 13 m. S. of Kumbhara. At 14 m. S. of Kumbhara. At 15 m. S. of Kumbhara. At 16 m. S. of Kumbhara. At 17 m. S. of Kumbhara. At 18 m. S. of Kumbhara. At 19 m. S. of Kumbhara. At 20 m. S. of Kumbhara. Cart-road through open and cultivated country up to Mandoline, thence through hilly country to Kumbhara.
		Carried over ..	88	41					



TABLE No. 209.

## FROM NERAMUCH TO JEYPOOR, BY BOONDER AND TONK.

GENERAL DIRECTIONS IN

General Office Commanding Major Dorman, Major

Agent to the Governor-General for Hyderabad, at Ajmer

Amphibious		Name of Stage	Distance		Road and Soil.	Water	Suppl. on	Remarks		
Mileage	Order		Stage	Total						
			Miles	Furlongs						
		Neramuch to Boondar		100	0			746 Table No. 200		
		Boondar	10	0	110	0	Country road for 4 m. stony winding between ranges of hills in some parts forming narrow gorges after which black soil and good	Abundant, from wells and river Maly	A small village occupying ground on the banks of the Maly. At 1 m. from Boondar is a pass protected by a gateway and high stone wall. Near Boondar at 8 m. is seen here the wall is fortified and built up the sides of the hill on both sides. At 8 m. Boondar and across the Maly to Boondar	
		Dargana	12	0	122	0	Tolerable the last 2 m. rocky and hilly country open and much cultivated at first, the last three miles rocky and hilly	Plentiful fine wells and large lake at W	Ditto	Large village, scenery among trees N of town and some lake. At 1 m. from Dargana is a pass. Boondar, at 12 m. Boondar. Over a large well between Dargana and Boondar
		Dargana	8	0	130	0	Hard rocky and uneven for 4 m. afterwards tolerably good	Plentiful	Plentiful	A town surrounded by a high and strong stone wall with bastions. At 8 m. Dargana. At 4 m. Boondar. Country consisting of several wide jungle
		Mugger	10	0	140	0	Tolerable	Abundant	Abundant	A fortified town. At 8 m. Boondar. At 8 m. Boondar. Country rocky
		Boondar	11	0	151	0	Hard soil, passing through a range of hills at 4 m.	Wells	Born	A small village. At 4 m. Boondar.
		Tonk	11	4	162	4	Abundant country road over level country	Abundant, from wells and tank.	Large tank	Walled town capital of the Tonk State. It occupies plain NW or SW, near former Bani
		Boondar	16	0	178	0	Good but stony parts	Abundant from wells and tanks	Boondar	Small place. Occupying ground dry and stony. At 1 m. from Boondar across Boondar river bed about 1,000 yards wide, stony bed about a foot of water in hot season
		Mithunagar	12	0	190	0	Heavy and stony parts last 6 m. hard and good	From a large tank 800 yards from Boondar	Abundant	A stone fort here with bastions and a ditch. Boondar on a large plain NW of town. Over a river at 8 m. dry in some parts. Inside ramparts among trees for the passage of wheeled carriages
		Boondar	16	0	206	0	Heavy and stony parts	From wells and tank on NW side of town	Abundant	Boondar strong large town NW on sandy ground. At 1 m. across dry bed of a river at 8 m. village of Boondar. Country flat
		Jeypoor	10	0			Very heavy and stony the whole way, with rain	Abundant	Abundant	Large city occupying SW
		Total		206	1					
		19 March								

The route road from Neramuch to Jeypoor by Boondar is as follows—

Neramuch to Boondar

134 0 746 Table No. 200

Boondar to Jeypoor

11 4

Ditto 111.

Total

206 04

19 March

TABLE No 210

FROM NEEMUCH TO JHYSULMEER, BY THE CHUTTERBHOOJ PASS, PALLER, AND JOODPOOR

GENERAL DESCRIPTION, &amp;c

General Officer Commanding Midway Division, Madras.

Authority	Name of Stage	Distance	Road and Soil	Water	Supplies	Remarks
Military	Civil	Stage	Total			
		Miles	Furlongs			
		Miles	Furlongs			

General Officer Commanding Mhow District, Mhow

Agreed to the Governor General for Hyderabad and Ajmer



Authorities		Names of Brigades	Distances				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	Percentage	Miles	Percentage				
General Officer Commanding Mhow Division, Mhow Agent to the Governor General for Hyderabad, at Ajaygarh		Brought over			260	8				
		Kandla	8	3	271	13	Road very heavy, and for the first five miles winding through a desert of sand hills with little jungle.	trails and 3 wells 70 feet deep water good, but muddy		
		Lova	11	8	282	71	Generally very good	3 trails and 3 wells 70 feet deep the latter not good and tank water muddy		Pass near Doldan at 8 a.
		Pakera	8	8	291	45	Road hard and good sandy for about 3 miles only	Abundant large tanks.		A walled town and small fort built of red stone with a strong gateway. Pathwork tank through road the town. At the (left) the road of the Salt Lake is close on the right of road and extends for about 4 m. N.E. storage tank about 4 m. The ground being very low at times this is not easily dry.
		Doldan	12	0	303	45	Road generally hard and good, over an extensive undulating waste in parts rocky	trunk and 4 wells 80 feet deep water bad tank water good when tank is dry it is brought from Pakera	From Pakera	Two small villages with a small garden
		Laxee	12	2	315	81	Road generally sandy but good over a desert	Good wells, 180 feet deep	Small tank	Laxee is a good sized village with a small fort of white sandstone.
		Chandee	12	2	327	02	Ditto	1 tank and 2 wells 180 feet deep good water		At 5 a pass Lakhaur 1 well of good water, and sandstone fort close to road
		Wara Basmajoor	14	0	341	05	Road good, sandy still first 4 miles	trunk of good water dry in hot weather, and 1 well 240 feet deep	Small tank	Country covered with the Kargra. Green one well
		Thayabawar	13	4			Road over low ground for 2 1/2 m., then crossed a small rocky range and thence gradual descent all the way. Low ridges of hills running parallel to right of road	Abundant	Abundant	A walled town and fort. Capital of the district of the maceo (vide Table No. 117)
		Total			357	45				
		At Mowhee								

Note.—The 3rd Troop Bombay Horse Artillery and the 3rd Horse moved by the Route in the early part of 1888.

TABLE No. 211. (I)

## FROM NEEMUCH TO KOTA, BY BILANPOORA AND THE MUKUNDURRA PASS.

GENERAL DESCRIPTION, &amp;c.

General Officer Commanding Mhow Division, Mhow

Authority		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Fathoms						
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India, & Lahore	Neemuch Cantonment to Bilan	18	0	18	0	Road good where an open place	Uncultivated, from wells and a small stream	Abundant	From Gadhwa at 8 m. 8 f., Bhanwar at 8 m. 8 f., Bilan at 10 m. 4 f. Country undulating and partly cultivated. Cross the hills.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India, & Lahore	Katrasar	15	0	23	0	Road good, though a good deal interrupted by small hills and a few ravines	Good, but little cultivated. Several small streams in the hills	Plentiful	200 houses. Country as before. Hill in the left at 10 m. distance. From Bilan at 8 m. 8 f., large town and fort, at 10 m. 4 f. From Gadhwa at 8 m. 8 f. Bhanwar, at 11 m. 10 f. (Bhanwar, 10 f.) Good stream in this stage.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India, & Lahore	Bhanwar, (Eastern side)	13	3	36	0	Road stony and rough in many parts, as in the valley full of holes and boulders	From wells and a small stream	Water	A large double-walled town at the foot of a ridge of hills. Country undulating. In the valley on the left is a small town at 1 m. 8 f., from Bilan at 4 m., the road leads through Bhanwar for 11 m. 10 f. and a quarter. Cross the Bhanwar river. There is a small reservoir, ground or some pools on the road and a small river runs in the valley of the hills.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India, & Lahore	Bhanwar Cantonment	7	0	40	0	Road rugged, rocky, & stony	Plentiful, from wells and a small stream	Good	150 houses. From Bhanwar at 2 m. 8 f., Good road at 1 m. 4 f., and Chakla Bhanwar at 4 m. 8 f. Cross the Chakla river at Gadhwa. The river is very good and after the 1st December, and during the season by a heavy boat, capable of carrying 400 animals with 100 men and 1000 of stock and loose stores. From Bilan in this stage.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India, & Lahore	Bhanwar (Western side)	15	3	55	1	Ditto	Abundant	Abundant	A large well-known but much decayed castle at the foot of hills. Country undulating and only in parts, and with some cultivation. Hill in some distance on left, crossing near a small stream. From Bilan at 8 m. 8 f., Datta at 4 m. 8 f., Bhanwar at 8 m., Koth at 8 m. 8 f. and Bhanwar at 10 m. 4 f. Cross the Bhanwar river and stream north.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India, & Lahore	Bhanwar	8	3	70	2	Road partly good	Ditto	Good water	A small town. From Bhanwar at 2 m., Bhanwar at 4 m. 8 f., and Bhanwar at 6 m. 8 f. Hill close on left at Bhanwar. The ridge runs off to a northerly direction. Cross the hill and the Bhanwar river.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Rajasthan, & Lahore	Bhanwar	8	0	78	2	Ditto	Ditto	Small town	100 houses. From Gadhwa at 1 m. 8 f., and Bhanwar at 8 m. 8 f., Bhanwar at 10 m. 4 f. and on left. Country partially and level. Cross the hills.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Rajasthan, & Lahore	Mukundurra	11	0	80	1	Ditto	Wells and small	Water	A small village standing on a long narrow strip of land, situated in the valley of the hills. The hills are not too high (range of hills) between the hills and the hills. From Bhanwar at 3 m. 8 f., Bhanwar at 4 m., Bhanwar at 6 m., Bhanwar at 8 m., Bhanwar at 10 m. 4 f. and Bhanwar at 10 m. 4 f. Cross the hills and the Bhanwar river.
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Rajasthan, & Lahore	Corrected			80	1				



[illegible]

TABLE No 212 (1)

FROM NREMUCH TO MOBAR (GWALIOR), BY KOTA AND SEEPREH.

GENERAL DIRECTION, 87

Anticipation		Nature of Stage	Distance		Road and Soil	Type	Supply	Remarks		
			Stage	Total						
Military	Civil		Miles	Days						
General Officer Commanding Sikh Division, Lahore	Agent to the Government General for Europeans, at Amritsar	From Amritsar to Gurmukh	17	1	57	6			File Table No. 108	
		Deccan	11	1	40	0				
		Kala	12	8	80	7				
		Deccan	14	0	91	5	Good fair	Plentiful	Provenance	A large village. Fine Jolani seen at 4 m. S. of village at the left bank of the Kala River. Country well cultivated.
		Deccan	18	0	107	8	Ditto	Ditto	Ditto	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	17	0	124	8	Good difficult	Provenance	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	12	0	145	5	Ditto	Plentiful, with 45 sheep & 200 cows after 4 days	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	11	0	160	8	Good tolerable	Provenance	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	8	0	168	8	Good tolerable	Ditto	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	8	0	176	8	Good tolerable	Deccan	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	8	0	184	8	Good tolerable	Deccan	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
		Deccan	8	0	192	8	Good tolerable	Deccan	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.
Deccan	8	0	200	8	Good tolerable	Deccan	Deccan	A small village. Good Jolani seen at 4 m. S. of village. Country well cultivated.		





## REVISED TABLE No 213.

## FROM NENMUCH TO NUSSENHABAD BY CHITORGARH AND BOYLA

## GENERAL DIRECTION N

Authorities		Name of Stage	Distances		Road and Soil.	Water	Supplies	Remarks		
			Stage	Total.						
Military	Civil.		Miles	Package	Miles	Package				
General Officer Commanding Mhow Division, Mhow		Agent Governor General's District, Indore at Indore	0	2 1/2	0	2 1/2	Kacha road	6 wells	6 sheeps	A comfortable work travellers bungalow & Post and Telegraph office and Railway station
		Agent Governor General's District, Indore at Indore	7	2	18	4 1/2	Ditto	Tank and wells	Plentiful large No. 20	A walled town, with travellers and large then bungalows Railway station and Post office encompassing ground good to the S. of the town near travellers bungalow 3 f on the Chitorgarh road which branches off on left. At 1 m. 7 f pass a shallow and well the road here across the boundary between Tank and 8 m. a fort tower. At 3 m. 0 f Ag. 4 f to the left. At 5 m. 8 f pass Pipra and Jala 3 f to the right. At 6 m. 2 1/2 f across Kothari river 60 yards wide had sandy banks high. fordable a day or two after heavy rain and on the right bank of the river in the village of Kothari. At 6 m. 1 1/2 f across a large well had paved. At 8 m. 0 f across the rail road, country open and well cultivated.
		Agent Governor General's District, Indore at Indore	8	1 1/2	26	6 1/2	Ditto	River and wells	6 sheeps	180 houses Inspection bungalow on the right bank of Kothari river encompassing ground good to the W. of the village and right side of the road. At 6 m. 2 1/2 f across a large well with paved bed 180 feet wide fordable a day or two after heavy rain. At 7 m. 2 1/2 f pass Barla 60 houses 4 wells 1 bungalow, country as before
		General Officer Commanding Mhow Division, Mhow	8 1/2	1 1/2	26 1/2	6 1/2	Ditto	River and wells	6 sheeps	180 houses Inspection bungalow on the right bank of Kothari river encompassing ground good to the W. of the village and right side of the road. At 6 m. 2 1/2 f across a large well with paved bed 180 feet wide fordable a day or two after heavy rain. At 7 m. 2 1/2 f pass Barla 60 houses 4 wells 1 bungalow, country as before

Authorities		Name of Stage	Mileage		Road and Rail	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Parangs					Miles	Parangs
General Officer Commanding Mhow District as Mhow		Agent Government-General, Bhopal as Mhow								
		Brought over			26	54				
		Chhatrapati (on camping ground) P	10	21	43	72	Made road	Plentiful from Mhow river	The total, a large, in near	A walked from a stand at the foot of hill foot of Chhatrapati & went about 1 m from on camping ground. Travellers' bungalow 1st office and Railway station. 2nd camp- ing ground good to the W of town near the travellers' bungalow. At 1 1/2 m from parang which forms the boundary between Chhatrapati and Tank territory. At 1 m 1/2 f (10 f) the hill and Chhatrapati Railway station on to the right. At 1 m 7 f Area a right of the road. At 4 m 1/2 f parang, 2 f to the left. At 8 m 2 f, Baye 2 f to the left. At 8 m 1/2 f, pass Chhat- rapati Railway station. At 9 m 1/2 f, cross rail road and a road turned to off to town of Chhatrapati. At 10 m 1/2 f, travellers' bungalow, country open with this parang on partly cultivation only near the village. Cross 6 small streams and one large in this marsh all water level.
		Gangra (on camp- ing ground) P	10	21	43	43	Ditto	Plentiful and good, from a spring	20 shops	A large village about 300 houses, travellers' bungalow, and Railway station. A left foot on 1st railway camping ground good to the S of the bungalow. At 2 1/2 f cross Mhow river, bridge 100 yards wide, banks high, but sandy and rocky, ford side 2 or 3 days after heavy rain. At 1 m 1/2 f, made a small by a deep cut in bed river, banks high, impossible to cross. At 1 m 1/2 f, Chhatrapati 2 f to the left. At 3 m 7 f, Chhatrapati Railway station 1 f to the left. At 4 m 4 f, parang which 100 houses & shops 10 m to S bungalow. At 5 m 4 f, Agalava 2 f to the left. At 7 m 1/2 f, cross a small road near the village of Mhow. At 7 m 1/2 f, back 4 f to the left. At 8 m 1/2 f, bank of Mhow. Cross a small and 3 large streams on the marsh, all a shallow, country covered with thorn and low jungle.
		Hatnagar (on camping ground) P	8	11	55	21	Ditto	Plentiful from walk and tank	Plentiful	A walked from a travellers' bungalow 1 m. long and the camping ground. In 1 m. 1/2 f, stream, a small hill left on good cultivation. Camping ground good 1 m S W of the town and left of the road. At 1 m 1/2 f, hill and church and Railway station of Gangra. At 3 m 1/2 f, cross rail road near the village of Mhow. At 4 m 1/2 f, cross a large, in the bed sandy, banks high, impossible to cross. At 5 m 1/2 f, cross a small. At 7 m 1/2 f, cross the bed of a tank with parang water. At 8 m 4 f, Tall stream about 4 f left of road. In this stream are 7 small and two large and all waterfalls, country covered with thorn, single cultivation only about the villages.
		Brought over			43	81				



General Officer Commanding Mhow Division, Mhow

Agent Governor-General in Mysore, at Mowat Abad.

Asphered	Source of Supply	Distances	Road and Soil	Water	Supplies	Remarks
Military	Civil	Miles	Packdays	Miles	Packdays	
		Brought over		86	27	
		Station (occupying ground)	13	3	87	44
						Made road
		Boysagpur (occupying ground)	8	7 1/2	79	44
						Ditto
						4 wells
						None, but procurable from Mandal which is about 1 1/2 miles distant. N. E. direction.
		Boys (occupying ground)	11	7	88	44
						Ditto
						4 wells and tanks
						A small Bala
						A well of village about 200 houses, travel here bungalow occupying ground good, close to the bungalow. At 1 m. 8 1/2 f. pass a well and Duma 2 1/2 f. to the left. At 2 m. 8 1/2 f. a well with permanent supply of water. At 3 m. 7 1/2 f. pass an inspection bungalow and village of Barhi 100 houses. 1/2 along 4 wells 1 1/2 f. to the left and 1/2 of bungalow. At 7 m. 8 1/2 f. a well with water. At 8 m. 8 1/2 f. pass Laram Railway station, 8 f. to the left and Harnaghat. At 9 m. 1 1/2 f. a well and village of Laram 4 1/2 f. to the right. At 10 m. 6 1/2 f. a well. At 11 m. 1 1/2 f. cross rail road. In the march are 10 mounds all bridged; country open and covered with bushes and low jungle. Cultivation only near the villages.
		Elora (occupying ground)	8	5 1/2	87	44
						Ditto
						4 wells and Khari river
						None but procurable from Elora left, which is 1 1/2 miles distant. N. E. direction.
						40 houses, and inspection bungalow occupying ground good. A bank of Khari river. At 1 m. 3 1/2 f. a well with water. At 2 m. 8 1/2 f. a well with water. At 4 m. 8 1/2 f. pass Bala Railway station 6 f. to the right. At 5 m. 1 1/2 f. a well with water. At 6 m. 1 1/2 f. Bala 1 1/2 f. to the right. 80 houses. 1 well. At 7 m. 5 1/2 f. Kachri river 100 houses. 10 wells. 5 temples. 10 d. q. to the left. At 8 m. 1 1/2 f. cross Ma river (unbridged) 60 yards wide but sandy banks low (floodable 2 or 3 days after heavy rain). In the stage cross 11 small mounds all bridged and one 1 1/2 f., country open with light jungle.
		Carried over		97	61	

Analyzed as		Amount of Stages	Distance		Road and Rail	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Percentage					Miles	Percentage
General Officer Commanding Wharv Division, Mhow	Agent Governor-General Rajpootana at Mowat Abos	Brought over		27	62	Made road	10 walls trails	Abundant 20 shops	800 houses a travellers' bungalow and Police station occupies ground close to the bungalow. At 2 m 5 f a dry well. At 6 m 4 f a well with water. At 8 m 6 f a well and village of Bhatnagar is to the right and is close on the left. At 9 m 8 f cross Khari is at 100 yards wide, heavy for water, banks low but easily fordable a day or so after heavy rain. The river is the boundary between Bhatnagar and Bhatnagar. Inspection bungalow on the bank of river. At 10 m 1 f. Dard 200 houses, 10 shops 20 wells. At 12 m 4 f Dard Bhatnagar station is to the right of the river. At 13 m 1 f a close-in and well. At 14 m 2 f across a bridge and village of Bhatnagar 4 f to the right. In the canal cross several bridges all bridges country open and covered with low brush and the jungle.	
		Bhatnagar (occupying ground)	15	02	111					61
		Bhatnagar P	10	42	125	84	Ditto	Abundant	Abundant	800 houses well inspection bungalow Railway and Police stations occupying ground close to the bungalow and station of Bhatnagar. At 5 m 8 f pass a dike and large tank to the right. At 4 m 8 f a channel with well and narrow road to Bhatnagar station of Bhatnagar which is about 1 1/2 m to the right. At 7 m 1 f a channel and village of Bhatnagar on the right. At 8 m 5 f a well of good water. At 9 m 4 f cross railway. At 10 m 4 f a well here close off to Bhatnagar, near police station of Bhatnagar. Cross several bridges all bridges country open, with low brush.
		Unimproved B P T	18	81			Ditto	Ditto	Ditto	A Military establishment with travellers' bungalow Telegraph and Post office and Railway station. At 3 m 5 f 20 acres Khari 1/2 to the right of the road a small tank on the bank of the river which is crossed by a bridge. At 5 m 8 f pass Bhatnagar 180 houses 4 of open 5 shops station 4 wells and tanks. At 7 m 8 f across a ridge ground which is a site for chattri camp, a short distance to the right of the road. At 9 m 8 f 20 acres 20 f m m "wells. At 10 m 4 f across canal and boundary. At 12 m 4 f cross canal a dike of road to the Bhatnagar River. In this stage across several bridges all bridges country open as individual.
		Total			225	9				
		18 March								





Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Pachages	Miles Pachages				
British Residency Officer Commanding Bangalore District		Brought over		246 0				
		Stagepost B	13 0	259 4	A very fair cart road through an open undulating and generally well cultivated country	Abundant	Abundant	A town and small fort on a ridge of low hills on the right of the road, which the road goes directly approaches. Cross eight miles
		Stagepost	9 0	268 3	Ditto	Wells	Small house	Cross nine miles
		Right bank of River cross near Stagepost P	15 1	283 4	Ditto	Abundant	From the gully	Stagepost, a small town, protected by a hill fort is about a mile to the right of the road. Country covered with trees, pass up between hills near the Stagepost valley. At 8 m. across the River 40 yards wide rocky and sandy bottom, steep banks and with 1 to 2 feet water in the dry season. At the end of the stage across the River by a rocky point 10 yards wide water the same. Cross also ten miles.
		Stagepost	8 0	291 4	Good road bridged	Wells and wells	From, pro- tectable from surrounding village	A small village; country as before. Cross several miles
		Stagepost	8 1	299 5	Ditto	8 ponds wells	Abundant	A small village. Mountainous ground with soil. Country undulating and partly cultivated. Hills right and left at 4 m. across. At 6 m. across the River by a good ford and near before a good stage village at 7 m. Cross three miles
		Stagepost	8 1	307 6	Ditto	Abundant	Abundant	A large settlement and Civil station. At 1 m. 4 f. River. At 3 m. River. Country hilly with well cultivated valleys
		Total		308 6				
		At Bangalore						

TABLE No 214 (2)

## FROM NEEMUCH TO SAUGOR, BY JHALRA PATTUN, BURSUD, AND SIRONJ

GENERAL INFORMATION

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Pachages	Miles Pachages				
General Officer Commanding Madras Division		From Neemuch to Jhalra Pattun	10 0	10 0	Good good the whole way	Plentiful from river and wells	Moderate	Vide Table No 214 (1)  A small village on the R bank of a small river, crossing on bank. Cross Jhalra and river at 8 m. and pass Abotia at 9 m.  A small village. At 8 m. pass Bursud, a large well large tank. At 4 m. 4 f. Durgam a good road village. At 5 m. the foot of the Durgam Pass about a mile a length across and covered with the latter rocky there are two roads through the Pass the southern one being used for carts. At 9 m. pass Abotia, large village and broad water across it at 10 m. the hot season. At 11 m. cross Bursud. Cross the river Stage at Bursud.
		Stagepost	15 0	25 0	Good but rough and difficult in the Durgam Pass. Country cultivated.	From river Stagepost wells	Good	
				110 4				
				110 4				

Authority.		Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks.
			Stages	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding Military District of Lahore	Agent to the Government of Punjab for the Punjab Agency.	Brought over						
		Chandee	12	0	120	4		A small village. At 2 m. 4/ cross a small stream; at 2 m. 4/ Chandee. One lot of corn to Dabulda at 4 m. At 5 m. Moh. At 7 m. Dabulda. At 10 m. Kala.
		Muskar Tinea	12	0	124	4		A good road leads surrounded by a high wall with windows at intervals on the banks of the river. Purnia; about 1000 inhabitants. Over the heavy hills at 4/ and 6 m. 4/ On Purnia.
General Officer Commanding Military District of Lahore	Agent to the Government of Punjab for the Punjab Agency.	Chandee	12	0	120	4		Large village with about 1000 inhabitants. Commenced by an old fort in last year at the end of a spur of hills westward. At 6 m. pass Jussore a small village. At 8 m. Kala. At 11 m. Mohan.
		Barnal B	12	0	120	4		Large village with good surrounding ground in the dry weather. At 8 m. pass Purnia. At 8 m. Chander. At 10 m. pass Purnia. Over by railway.
		Mohi	12	0	120	4		A good road village with extensive surrounding ground. At 2 m. pass Purnia. At 4 m. 4/ Moh. At 5 m. 4/ Purnia. At 10 m. Kala, a short distance beyond which across the narrow river Kala with rough rocky bed. Immediately after the the Kala river commences a considerable length and for the first 100 yards or so steeply steep rough and stony though passable for Artillery. The hills on all sides covered with dense jungle.
		Chander	8	4	120	0		Small village. Encampment.
		Mohi	12	0	120	0		A large town on the right bank of the Kala river. It is surrounded by high tops of trees which extend for a considerable distance in a direction N.E. to S.W. along both sides of the river. Encampment ground on the river and exceedingly good; land sandy soil.
		Chander	8	4	120	0		A large village. At 2 m. 4/ cross the Jussore by an easy ford. Country largely with patches of cultivation.
		Mohi	12	0	120	0		A large village on the left bank of the Jussore. At 2 m. Jussore. Country largely.
		Chander	12	0	120	0		A good road village on the left bank of the Jussore. At 2 m. over the Jussore 200 yards wide and stony and rocky banks sloping water here deep with a channel, 20 yards wide in the dry season. At 8 m. cross the Jussore, the boundary of Jussore district. Country as on last stage.
		Mohi	12	0	120	0		A small village. At 2 m. cross the Jussore to Mohi at 2 m. 4/ At 6 m. 6/ pass Mohi. At 10 m. 8/ Purnia. Country largely with patches of cultivation.
		Chander	12	0	120	0		A large village situated between two hills surrounded by a stone wall at both ends of the passage. At 2 m. pass Mohi. At 6 m. cross the Jussore by an easy ford, 200 yards wide and stony.
General Officer Commanding Military District of Lahore	Agent to the Government of Punjab for the Punjab Agency.	Brought over						
		Chandee	12	0	120	4		A large town on the right bank of the Kala river. It is surrounded by high tops of trees which extend for a considerable distance in a direction N.E. to S.W. along both sides of the river. Encampment ground on the river and exceedingly good; land sandy soil.
		Mohi	12	0	120	0		A large village. At 2 m. 4/ cross the Jussore by an easy ford. Country largely with patches of cultivation.
General Officer Commanding Military District of Lahore	Agent to the Government of Punjab for the Punjab Agency.	Chandee	12	0	120	4		A large town on the right bank of the Kala river. It is surrounded by high tops of trees which extend for a considerable distance in a direction N.E. to S.W. along both sides of the river. Encampment ground on the river and exceedingly good; land sandy soil.
		Mohi	12	0	120	0		A large village. At 2 m. 4/ cross the Jussore by an easy ford. Country largely with patches of cultivation.
		Chander	12	0	120	0		A large village. At 2 m. 4/ cross the Jussore by an easy ford. Country largely with patches of cultivation.
Total			241	2				
B. J. Jussore.								



Anticipation		Name of Stage	Distances				Road and Soil	Water	Vegetation	Remarks	
Military	Civil		Stage		Total						
			Miles	Perchages	Miles	Perchages					
General Officer Commanding Madras Division	Agent to the Governor-General for Bangalore, at Bangalore.	Throught over			07	14	Main road	Abundant	Abundant	A large walled city residence of the Raja of Mysore, the hill fort of Srirangapatna to the north of the city. Post and Telegraph office, barracks, bungalow, railway station, occupying ground. At 1 m. pass Durg 80 houses. At 2 m. 7 f. Talpore, 80 houses. At 4 m. 1 f. chowrie, temple and well. At 5 m. 1 f. Shalimar, a large village to the left and Gumbaz to the right. At 6 m. 1 f. Talpore. At 10 m. 7 f. Talpore. At 12 m. 3 f. across Kumbha Sabba in the 1770 has wide, banks low, bed sandy. Scarcely a dry after heavy rain. At 13 m. 5 f. an important bungalow and road to the Bangalore branches off to the right. At 14 m. Kumbhacharya to the right and Mal (Kumbha Sabba garden) to the left. Country open and cultivated.	
		Jeypur, occupying ground. S F T	14	4	21	54					
		Kanota	10	8	07	64					
		Mysore	7	7	08	71					
		Gumbaz	7	4	107	84					
		Thar	8	7	116	91					
		Durg	11	6	128	97					
		Mysore and Talpore	19	6	148	104					
		Catrol over				158					114



Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Names of Stages.		Stage.	Total.				
Military.	Civil.	Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow.		Agent to the Governor-General for Rajpootana, at Ajmere.					
		Brought over.....	138 0 1/2				Geordharpoora, 30 houses. At 3 m. 3 f. crosses the Kalesio river 138 yards wide, bed sandy, banks low, fordable 2 hours after heavy rain. At 4 m. Bada, 29 houses, 3 shops. At 5 m. 7 f. huts. At 6 m. 1 f. Keypoora. At 7 m. 4 f. huts. At 8 m. Poodalkee. At 9 m. 4 f. two wells. At 10 m. a chowkee. Country open and cultivated.
		Patoleo .....	8 1	Made road .....	10 wells .....	5 shops .....	200 houses at the foot of a hill. Encamping ground N.E. At 1 m. pass Khedia. At 2 m. Keypoora on the left and Poodalkee on the right. At 3 m. 0 f. a well. At 4 m. 0 f. Khedia on the right. At 5 m. 4 f. Kiam-gurra, 20 houses. At 6 m. 1 f. Hancoman-kee chowkee. At 7 m. 5 f. Sumto on the right. At 8 m. 7 f. pass between two hills. Country open.
General Officer Commanding Mhow Division, Mhow.		Kamulpoor .....	13 0	Ditto .....	Plentiful .....	Procurable .....	Encamping ground.
		Hullohooh .....	13 0	Ditto .....	Ditto .....	Abundant .....	Travellers' bungalow and encamping ground.
		R. Kundum Kunda .....	13 0	Ditto .....	Ditto .....	Procurable .....	Encamping ground.
		Bharatpur .....	13 0	Ditto .....	Ditto .....	Abundant .....	A large town surrounded by a mud wall with a ditch, its shape is nearly square with sides about 1 mile in length; the ditch may be filled with water. The fort is on the N.E. corner of the town and is surrounded by a very wide ditch with masonry revetments. The population of Bharatpur is probably about 20,000 inhabitants. Latitude 27°-13' Longitude 77°-38', travellers' bungalow, Post office, and Railway station.
		Chukana .....	8 0	Ditto .....	Procurable .....	Procurable .....	A small village.
General Officer Commanding Mhow Division, Mhow.		Uchneyra .....	0 0	Ditto .....	Ditto .....	Ditto .....	A small town, travellers' bungalow and Rail- way station. The Bharatpur territory commences at the 2nd mile.
		Agra .....	10 0	Ditto .....	Abundant .....	Abundant .....	Large town and cantonment. At 2 m. pass Balke, a large village.
		Total.....	224 7 1/2				
Collector at Agra.		21 Marches.					

NOTE.—The distance by rail from Ajmere to Agra is 233 1/2 miles.

The route by Ajmere is as follows:—

From travellers' bungalow at Nasirabad to Post office at Ajmere, B.P.T.		13 0 1/2	13 0 1/2	Made road .....	Abundant .....	Abundant .....	One of the chief commercial towns of Rajpootana; the greater part is surrounded by a wall of no strength; that of the fort in which formerly the arsenal was, is crumbling rapidly. On the hill of Tarragarh at the foot of which Ajmere lies, is a fort gradually falling into decay. Ruins from Nasirabad are sent here for chance of air. Headquarters of the Agent to the Governor-General for Rajpootana. Travellers' bungalow and Post and Telegraph office. At 3 m. 7 1/2 f. pass a temple and well. At 5 m. 3 1/2 f. Patankere chowkee. At 7 m. 1 1/2 f. Khajoor kee chowkee and a well. At 11 1/2 f. Monampoor. At 9 m. 1 1/2 f. Parvatspoora, 20 houses. At 10 m. 2 1/2 f. Garoa. At 12 m. 1 1/2 f. road to Jeyyur branches off to the right and to Deera to the left.
Carried over.....		13 0 1/2					

Authorisation		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Mysore Division, Mysore	Agent to the Government General for Hyderabad, at Ajmer	Brought over	18	0	Kade road	Abundant	Unlimited	A wall 1 foot about 8 m. 50 ft. from the on sleeping ground. It is a residence of a Rajp. a large 40 acre walled territory. At 8/1/2 past the church at Ajmer. At 1 m. 1/2 (the wall) At 5 m. 11/2 a chowrie and a large tank. At 6 m. 1/2 a large house. 1 m. 1/2 At 7 m. 1/2 a large house, 200 houses, 20 shops.
		Andres Andres	11	1				
		To Ajmer as above	191	4				
		Total		214				
		11 Miles		0				
								At 8 m. 1/2 to the right, 'Amalgar' (Amalgam) and sleeping ground. At 8/1/2 past the church at Ajmer. At 1 m. 1/2 a chowrie and wall. At 5 m. 1/2 the road from Amalgam (Ajmer) on right. At 4 m. 3/4 a chowrie. At 5 m. 1/2 a wall. At 6 m. 1/2 a chowrie and wall. At 8 m. 1/2 a large house. 2 shops, 20 shops and a tank. At 8 m. 1/2 a chowrie and wall. Country open and cultivated.

TABLE No 216

## FROM NUSSEERABAD TO AJWA

GENERAL INFORMATION, NW

Authorisation		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Mysore Division, Mysore	Agent to the Government General for Hyderabad, at Ajmer	Unsubscribed	0	5	Country not tank, water from large tank.	Water from large tank.		Good open ground NW of village.
		Belmar	7	8				
		Chavara	7	2				
		Synaggar	8	8				
		Madra	8	8				
		Dar	8	4				
		Dar	8	1				
		Chandarnal	8	1				
		Wajet	12	8				
		Jadon	12	1				
		Shalwar	8	0				
		Hingales	8	0				
		Awa	8	0				
		Total		111				
		18 Miles						

Note.—This route was followed by the Field Force which marched against Awa from Nussereabad in January 1857.

TABLE No 217. (1)

## FROM NUSSERABAD TO BAHAWULPOOR, BY NAGOOB AND BEKKANER

GENERAL DIRECTIONS ETC

Anticipation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles 1 surface	Miles 2 surface						
General Officer Commanding Bahawalpur, at Bahawalpur	Agree to the Governor General for Bahawalpur, at Bahawalpur	Mussurabad to Dera Ishti	11	0	11	0	Wells		A village of about 80 houses. Grass 4 miles	
		Goradighat	15	0	26	0	20 wells	Large house	Cross Sonjeh river and 3 miles	
		Thal	13	0	41	0	Road over black bar run country with heavy mud	10 wells		A small village of 80 houses. Grass Laccose river and 1 mile
		Masra	10	0	51	0	Road, pretty good	8 tanks		80 or 90 houses. Country open and partially cultivated.
		Rahna	8	0	59	0	Road over an immense plain, covered with heavy black jungle.	1 tank and wells	80 Large house	
		Nasrura	11	0	71	0	Road sandy. Road and first heavy after much better	20 wells		80 houses. From Rahna at 7 m., and Bickian at 10 m. Country unimproved, and covered with black jungle
		Masrura	13	0	83	0	Road at first through jungle, then over plain	1 tank		200 houses. From Rahna at 6 m
		Nagoo	11	0	94	0	Over a plain with jungle.	1 tank and wells.	80 Good house	A large walled town.
		Uthoo	14	0	108	0	Idio	2 tanks and 3 wells		80 houses
		Maggoo	8	0	116	0	Idio	2 wells		100 houses.
		Wahar	13	0	129	0	Idio	Idio		80 houses
		Bahawal	11	0	140	0	Idio	2 wells		Do
		Qadriwala	11	0	151	0	Idio	1 well		100 houses.
		Bahawal	8	0	159	0	Idio	Abundant	Large house	A large walled town. Population more 80 000
		Badliar	10	0	170	0	Road hard	Wells from wells	Favourable	A small village. Country a desert.
		Nasrur	10	0	180	0	Idio	Blackish	None	A small village. From Bahawal about half way. Country as above
		Nasrur	18	0	198	0	Road over sand hills	Idio	Favourable	1 village. At 4 m. from Uthoo (5 miles of good water). Country as above
		Poshal	10	0	208	0	Idio	Idio	Sandy	A village. Country as above
		Vira	13	0	221	0	Idio	Idio	Sandy	Do do
		Beekner	18	0	239	0	Idio	Good	Sandy	Do do
		Maggoo	30	0	269	0	Idio	Wells from tank and wells	Favourable	A large place with a fort. Country as above. The fort is built on fine ground with sandy soil. The walls of the fort are 80 feet high and 14 feet thick. The body of the place is about 100 yards square with an outwork on the N side covering a mosque the access was through three gates into the city. The walls of which is a high angled facing
Bahawalpur Territory		Stationing between Bahawalpur and Bahawalpur								
		Carried over	269	0						

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Per stage				
RAJAWADIA THAKUR	British Native Agent at Rajawadipoor	Brought over		220	8			
		Pogorwah ..	11	0	10	2		Deserted village. Country as above. At 15 m the small Post station of Kala Pater is passed 4 m to the right of the road where good water is procurable. The road from Rajawadipoor and there is joined at Pogorwah.
		Rajawadipoor ..	14	2				
		Total		200	4			At lower the capital of the Rajawadipoor territory comprising ground W of the town Country heavily as far as forest in lower part of it, which afterwards fairly rich rain
		22 Marches						

TABLE No 217 (2)

## FROM NUSSEHRABAD TO BAHAWULPOOR, BY NARNOUL, HANSEI, AND BHUTNEER

GENERAL DESCRIPTION &amp; N

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Per stage				
RAJAWADIA THAKUR	British Native Agent at Rajawadipoor	From Nussehrabad		140	4			This Table No. 218
		to Kala Pater	10	1	10	1		Deserted village at 11 a road of a hill 180 houses; good road except ground defined by the river pillars. Much carried on in the neighborhood (as I and on foot) at the of the road. At 5 m. 2 1/2 p.m. Camp near 200 houses; 8 stages, and 10 wells. At 4 m. 2 1/2 p.m. across the dry bed of the Kala river. At 7 m. 2 1/2 p.m. Doodhah 118 houses a tank, and 10 ponds wells
		Marwal	14	5	20	7		" 20 houses. Marwal is a curious old town 1/2 m of stone, with an old fortress fort. The river Gogra is as; and it bed dry early in March; there is a handsome bridge over the river. Country very good, and defined by boundary pillars. At 8 m. 2 1/2 p.m. the road is 245 f. over, 24 stages 4 ponds wells. At 12 m. 2 1/2 p.m. the 180 houses 3 stages 8 ponds wells. Over the dry bed of the river Kharwarth before reaching Marwal. On the right on both sides of the road
		Kanwarth (mossy ground)	18	7	18	7		" 400 houses. A huge town with a strong and fort above it. The surrounding ground is composed of a, hills and a hill from the town. A good deal of wheat barley and grass cultivation. At 8 m. 2 1/2 p.m. Marwar
		Carried over		121	7			

Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
Names of Stages.		Stage.		Total.					
Military.	Civil.	Miles.	Parangs.	Miles.	Parangs.				
BENGAL PRESIDENCY. Officer Commanding Meerut Division, Meerut.									
Political Agent Chit-Singh Bhatia, Umballa.									
	Brought over.....	...	...	181	7				200 houses, 7 shops, a tank, and 15 wells of good water. At 3 m. 7 f. Maludoo, 30 houses, and 10 wells. At 6 m. 3 f. Hoodens, 400 houses, 1 shop, 25 wells, water brackish. At 10 m. 1 f. Nangul Chowdree, 300 houses, 7 shops, 20 wells, water good.
	Doodwa .....	17	5½	198	4½	Good, but heavy for wheeled carriages.	Good water, 8 tanks and 3 wells.	Abundant with due notice; 8 shops.	70 houses. A small village. At 1 m. from the town of Kunonde, pass Murgha, 18 houses, 4 pukka wells. At 5 m. 6 f. Malaira, 160 houses, 2 shops, 1 tank, 7 pukka wells. At 7 m. 2½ f. Bowna, 215 houses, 4 shops, 7 wells. At 10 m. 3½ f. Leizang, 70 houses, 1 shop, 1 tank, and 8 wells. At 11 m. 0 f. Poto, 60 houses, 1 shop, 1 tank, 2 wells. At 12 m. 7½ f. Bano, 60 houses, 4 shops, 1 tank, and 2 wells.
	Dadree .....	7	1	205	5½	Ditto .....	A very fine tank inside the town, and 3 small ones outside. Water good, but 18 of the wells are brackish.	Abundant; notice; 200 shops.	Dadree is a town of 8,400 houses, with a strong mud fort. Country highly cultivated in the neighbourhood. Encamping ground good, defined by boundary pillars SW. of the town. At 2 m. 1½ f. pass Gansoh, 33 houses, 1 tank, and 4 wells.
	Mundoo or Mundheeroo .....	10	3	217	0½	Ditto, soil sandy, crosses 3 narrow belts of sandhills.	7 tanks, 16 wells; water abundant and good.	Abundant; notice; 145 shops.	houses. Encamping ground NE. of the village, defined by boundary pillars. At 3 m. 7½ f. pass Ghokaroo, 30 houses, and 1 shop, a tank and a pukka well.
	Burra Bowna .....	8	3½	225	4	Road tolerably good, but sandy and heavy in parts, with a range of sandhills to the west.	1 tanks, and 58 wells; water plentiful.	Abundant; though dry fountains not always to be had; 900 shops.	A town of 4,800 houses. Carries on a great trade with the neighbouring States. Sugar, in great quantities, is manufactured. The road lies between gram cultivation all the way; several villages dotted about. Encamping ground N., defined as before. At 1 m. 5 f. pass Nagul, 55 houses, 1 tank, and 1 well.
	Chota Bowna .....	13	3½	237	7½	Good road .....	Good and plentiful; 7 tanks, which are full in March, and several wells.	Supplies abundant; 10 shops; no forage to be cut.	A small open town. Good encamping ground SW., defined as before. Road as before through gram cultivation. At 8 m. 1½ f. pass Lowarree, 50 houses, 4 shops, 2 tanks, and 2 wells.
	Hansi (N. pillar of encamping ground). P. ....	11	1	248	0½	Ditto .....	Good and abundant from canal, tanks, and wells.	Abundant; 450 shops.	A small cantonment and town. The Cantonment lies S. of the fort and town, which latter contains 2,500 houses. The encamping ground is about 1 mile SE. of it, and defined by boundary pillars. The road passes through cultivation of wheat, barley, and gram, and crosses 5 small canals branching from the Perrozahab canal. The Toomang range of hills is visible from this road. At 8 m. 5 f. pass Sekunderpoor, 50 houses, a tank, and well.
	Hissar .....	15	7½	263	0	Very good road .....	Abundant, from canal.	Abundant, after due notice.	A large town, with a fort, the headquarters of the Collectorate. The Fort canal runs past the town; good for necessary use. Encamping ground defined as before, but small and much cultivation of land around. The canal is crossed on this march by good bridges. At 8 m. 5 f. pass Khond, 70 houses, a tank, and well.
	Agrooa .....	13	2½	276	2½	Ditto .....	1 tank and 1 well.	Ditto, 1 shop.	150 houses, before Khond. A tank and well.
	Carried over.....	...	...	278	2½				
Deputy Commissioner of Hissar, Hissar.									



Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.	
		Names of Stages.								
Military.	Civil.	Miles.		Furlongs.		Miles.	Furlongs.			
		Miles.	Furlongs.	Miles.	Furlongs.					
General Officer Commanding 33rd Division, Mhow. Agent to the Governor-General for Rajpootana, as Ajmere.		Brought over.....	...	...	370	3				
		Sourathgur.....	23	2½	399	5½	Very good, through 3 tanks, one of which retains water the whole year, consequently the wells, 4 in number, are not used.	Abundant; 401 shops; forage plentiful.	1,300 houses, and a small fort. Good encamping ground N. To the E. is a range of sandhills running N.E. for some miles. Thin thorn jungle on both sides of the road and grass in abundance. At 8 m. 4½ f. pass Lakooloo, 10 houses, a tank, and a knobla well; at 17 m. 7 f. Rampoon, a deserted village, but with a well and tank, good water and good encamping ground. Pass also the villages of Doolrana (deserted), Doolmnoo, and Lakoolmnoo, Ledana (about 2 m. E.), and Bhagaur (deserted). Water at all these places, from tanks and wells.	
		Sirdarghur.....	10	0½	409	6	Ditto.....	1 tank and 2 wells, water good.	Abundant, from Sourathgur; forage in abundance to be cut.	10 houses, and a small mud fort in the centre of the village. Good encamping ground S.E. Pass two small deserted villages, Nigana and Separa. Thin jungle and grass in abundance on both sides of the road. Troops are recommended to halt at Rampoon instead of Sourathgur, and to march thence direct to Sirdarghur by which some little distance will be saved.
		Baloochia.....	10	1	428	7	Road very good, over a plain with jungle occasionally.	A tank and 3 wells, water very bad in both tank and wells.	Abundant, after due notice; abundance of grass to be had by cutting.	4 houses, 5 f. N. of the road. Cross a very heavy sandhill to the encamping ground, which is in a dry hard basin surrounded by hills. The village is almost deserted.
BAHAWULPOOR TERRITORY. British Native Agent at Bahawalpoor.		Waller, or Sirdarghur.	11	7½	440	6½	Either sandy at first, afterwards hard and firm.	3 wells; water good.	Abundant; grass as before; 8 shops.	A small square fort, with a village of 80 houses around. Good encamping ground S. Thin jungle and grass on both sides of the road. The Bahawal territory ends, and the Bahawalpoor begins about 3 m. before reaching Waller. The division is marked by pillars.
		Phoolera.....	11	2	455	0½	Road heavy and sandy in parts, especially the last 1½ m.	Water good and plentiful, from 4 wells; also 2 tanks, but they were not in use by last report.	Abundant, 16 shops; plenty of good forage to be cut.	110 houses; encamping ground N. of the village. At 5 m. 2½ f. is a dak station, with one well of good water. Thin jungle with grass on both sides of the road. There is another road from Waller northward of this.
		Moorghur.....	15	0	467	0½	Road good, with the exception of about 3 m. of mud, which is very difficult for wheeled carriages.	Tolerably good, from 4 wells.	Supplies abundant; brought from Misroor; 8 shops.	100 houses. This is a small square fort with bastions at the angles, with an excellent dwelling house inside, which was built by Bahawal Khan. Encamping ground good S. and E. This is rather a heavy march, there being several ranges of sandhills to be crossed. The country very barren. At 8 m. pass a dak station with a well of good water 80 feet deep with 8 feet water, called Badkoo well.
		Maroot.....	11	0½	478	7	Hard clay to within 2 m. when very high sandhills into camp extremely heavy.	Good and plentiful from wells.	Abundant but no gram; 6 shops.	A town of 50 houses, and a small fort built on a hill, and 90 feet high; but to the westward the sand has drifted up to the top of the walls. A few Hindus live in the fort, and Mussalmans outside. Encamping ground N. of the fort, bad. No cultivation of any sort. At 4 m. 3 f. pass Jambhar, a fort with a four-story. Village deserted, and in ruins; one wall inside the fort.
		Chappoo.....	9	3	488	3	Good but sandy and heavy in parts. Indicated by high pillars from half a mile to two miles apart, and small mounds of earth at 20 yards interval.	Pleasant and good from wells.	None, unless previous notice is given.	Deserted. Encamping ground N. of the hill. At 4 m. from Maroot cross a belt of heavy sand, after which the road is hard and firm over a very flat plain of hard clay with scarcely any jungle. At 6 m. 3 f. cross a belt of very deep sandhills (about 1 m. broad, and at 7 m. 2 f. a similar one.
		Carried over.....	...	...	488	3				

Authorities		Journey of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		Miles	Furlongs				
Balaichore Fort Expedition		Brought over		450 0				
		Kalapur	11 0	00 0	Good road	A well, good	Plentiful after	A small hill station, good surrounding ground. Pass the deserted village of Maru.
		Fourwala	11 4	115 0	Generally hard and good, with thin patches on both sides for four miles heavy and sandy	Drift.	From Balaichore road the village on the left of the river.	Heavily deserted. The houses on the S side nearly buried in sand. Lush green ground.
		Balaichore (Khalapur Ghat)	14 2		Good heavy soil, sandy patches, occasional pieces of hard clay as far as Jalandhar is 5 miles, after which through a station.	Abundant.	Abundant.	A large town, the capital of the Balaichore State, beautifully situated and surrounded by a wall, and well watch tower with 6 sentinels of every country around every side with numerous fort gardens. It is celebrated for its main station of carpets, etc. and its commerce is considerable, the town being situated on the junction of 8 rivers from the NW & S. At S or E of pass Jalandhar, 120 houses, 3 shops, and 0 wells of good water. Good surrounding ground W of the town.
		Total		500 0				
		21 March.						

REMARKS.—The route was followed by the Bombay Levies and also by a Regiment of Bengal Native Infantry in the cold season of 1860-61 and was reported as offering no obstacles whatever to the transit of troops. The perfect view with which the passage across the desert portions of the march, according to the terms in Balaichore, appears to have been all the more attributable to the excellent arrangements that had been made by the Civil authorities all along the place were brought in from good distances, and a water and a well or a two attempts very good had been drawn up from the wells and placed in small tanks or reservoirs, and not withstanding, the large quantity required for a Cavalry Regiment with its number of followers, plenty remained always in the country as it may be presumed that, if the water were given a much larger body of troops could pass the desert at this time of the year.

The above route was followed by the East Horse in the hot season of 1860 as far as Balaichore, whence they took the following to Balaichore —

Authorities		Journey of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		Miles	Furlongs				
British Military Agent at Balaichore		To Balaichore	8 4	570 0	Good road	Well	Plentiful	Deserted
		Fourwala	11 0	580 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	590 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	600 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	610 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	620 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	630 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	640 0	Good road, bridges and	Good from one well	Date	Deserted
British Military Agent at Balaichore		To Balaichore	8 4	570 0	Good road	Well	Plentiful	Deserted
		Fourwala	11 0	580 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	590 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	600 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	610 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	620 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	630 0	Good road, bridges and	Good from one well	Date	Deserted
		Fourwala	11 0	640 0	Good road, bridges and	Good from one well	Date	Deserted

\* There is no desert country between Balaichore and this; the country is a low grassy undulating plain with numerous villages, and abundance of water.



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
RAHAWULPOOR TERRITORY.  British Native Agent at Rahawulpoor.		Brought over ...	...	481	6			
		Mata Jeindoo .....	18	0	498	6	Generally good	Good from wells. Supplies scarce.
		Lunda Bedein .....	12	0	506	6	Good	From one well
		Hariipoor .....	11	6	517	4	Heavy in parts, passing along the northern edge of the desert.	Water abundant from tank.
		Gote Kaim Bais .....	7	0	524	4	Ditto	Plentiful
		Khayipoor .....	11	4	538	0	Ditto	Ditto
		Gote Noor Mahomed .....	10	0	546	0	Heavy for 2 m., afterwards over grassy plain.	From wells
		Gote Dehra Bakin .....	11	0	557	0	Narrow and difficult	Moderate
		Rahawulpoor .....	10	0	...	...	Heavy and bad	...
		P. Total .....	...	...	567	0		As above.
		47 Marches.						

TABLE No. 218.

## FROM NUSSEERABAD TO DELHI, BY SAMOT, KOTE, AND REWARREE.

GENERAL DIRECTION, NE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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General Officer Commanding Above Division, Alwar.	Agent to the Governor-General for Rajasthan, at Ajmer.	Nusseerabad to Doodoo, B. P. T. Akoda .....	0	41	52	4	Made road .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Authenticity		Name of Station	Distance		Road and Soil	Veget	Supplies	REMARKS
Military	Civil		Miles	Fathoms				
		Brought over		0 3				
		Karunpur	8 7	7 1	Good heavy after rain. 30 peaks water good and sweet close to the surface	Water good and plentiful at least 30 peaks water	Plenty and supplies in a cable above the source	Waves much cultivated in the marsh. At 8 m 5 f pure Liriodendron, 30 houses 8 shops 18 peaks water. At 8 m 2 f Dendroica, 24 houses 10 wells
		Kala Dara	12 7	8 0	Good tolerably good but heavy in parts and badly defined	Water good and plentiful at least 30 peaks water	Ditto	A good village, and good occupying ground in the 8 m 2 f pure Liriodendron, 30 houses, 1 shop 8 peaks water. At 3 m 5 f Vespertilio 25 houses 2 peaks water. At 8 m 2 f Cassia 15 houses 8 shops, 6 peaks water of good water
		Kasat	13 21	100 2	Good tolerably good but very badly defined	Good and plentiful at least 30 peaks water	Supplies abundant, 230 shops	1,750 houses. Forest is abundant in a ridge of the hills from each extremity of which a steep wall with houses across, completely covering the town. There are two large forts on the hill, one about 200 feet above the plain. There is an inner stone enclosure and a high mound of earth in the center of the town. The north part of the outer wall is partially covered for machinery, and the houses of the town are in the center. At 1 m 2 f Vespertilio 20 houses 4 wells. At 8 m 8 f Thalictrum 20 wells. At 8 m 7 f Cassia, 1,750 houses 400 shops, water plentiful from wells. Supplies of every sort abundant. Between Chinnik and Kasat are Haydara Ghats, partly cultivated on both sides of the road
		Mandaurpur	10 71	120 4	Good very bad and heavy, also very in tracks for some way beyond passage of the hill	Good water, 30 peaks water	10 Supplies abundant, dry season scarce, 150 shops	170 houses. Formerly a large place, and occupying ground over densely 8 of the village, very a large castle. Devoid in the marsh the Barama river Ghats a long narrow river in a ridge of low hills, extremely steep and difficult for wheeled carriage. Cross above the Barama or Barama Ghats river which runs near Mandaurpur and has a small stream through the river, and is fordable excepting immediately after a heavy fall of rain. Then join the Barama
		Wakra	12 1	120 7	Good heavy	Water good and plentiful, from 40 peaks water	Supplies abundant, dry season scarce, 150 shops	230 houses occupying ground very bad to lead in the bed of the Barama river, the mud of which is dark and very light and soil no other ground available on account of the cultivation. Ranges of hills right and left. Cross the Barama river which is the marsh. At 8 m 1 f pure near the large walled town of Barama.
		Trunagar	10 0	120 7	Good heavy	Plentiful from a tank and 21 peaks water	Barley 20 shops	200 houses. Cross the river. Recamp F of the town.
		Kale 1	9 8	120 4	Ditto	Water good from tank and 21 peaks water	Abundant, 250 shops, 150 shops, 150 shops	200 houses with square wall and fort, with ditch on the side. Facing the ground and good. At 8 m 1 f pure Purina, 30 houses, 1 shop and 2 peaks water
		Geyra bet	10 4	120 4	Good good, except for a short distance near Jala, where it is heavy	Water	100 shops, 100 shops, 100 shops	Small village. Hills at a distance right and left
		Berode	8 8	120 0	Ditto	Ditto	Small house and scarce	Small village situated at the 8 m 1 f of a ridge of hills. At 8 m over the dry sandy bed of a well 1 mile wide
		Carried over		120 0				

General Officer Commanding Khair Division, Milner

Agent to the Government-General for Nagpoor, at Nagpoor

Revenue Commissioner, Central Commissioner, Milner, Milner, Milner

Political Agent at Umer

Authorities		Name of Stage	Distance		Road and Soil.	Water	Vegetation	Remarks	
			Stages						
			Miles	Exchange					
Military	Civil								
Bureau of Forestry Office Commanding Air Force, Marston		Duty Class at Chongon	Brought over	100	0				
			Chongon	10	0	See the first 3 miles the road is through the mountains and much of it is very rough, but it is a very good road over a flat area.	Plentiful	Plentiful from here	A small town
			Reserve	17	0	Very sandy and heavy	Abundant	Abundant	A large town, railway station. Country open and a range of hills on the left, running parallel to the road at about 8 m. distance. Pass Chongon at about 13 m.
			Panama	17	0	The last part of the road good at first, then heavy	Plentiful	Small, heavy supplies, no exchange after the station	A village at 7 m. from Chongon and cross the Chongon river dry after Chongon, to Panama. Country undulating, with very partial cultivation
			Chongon Reserve	17	0	Country slightly rough. The road pretty good, but it is a very rough road.	None	None	A small place. Country undulating with very partial cultivation. Pass Chongon at 8 m. 1/2, Reserve at 7 m., and Wampana at 11 m.
		Duty Class at Delhi	Delhi L. E. R.	13	0	Good road generally but there are some parts which are rough	None	None	A small place. Country open and well cultivated. Pass Delhi at 8 m. and Chongon at 7 m.
			Delhi R. F.	10	0	Well maintained, passing over a rocky area. L. E. R. of the City of Delhi	None	None	A large commercial and civil station
			Total	100	0				
			31 March						

NOTE -- It is distant by rail from Agnew to Dallas is 274 miles

TABLE No 210  
FROM NUSSEERABAD TO DDOLEE, BY SURWAR  
GENERAL DIRECTION, BY

Authority		Name of Region	Distances		Rail and Road	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Paras.	Miles	Paras.				
General Officer Commanding Upper Division, Alor	Agent to the Governor General at Rajahmundry, at Mysore	From Narasimhaiah 51 miles	11	0	11	0	Main road	Wells	20 of age	Village of 800 houses about 4 1/2 m. to the left. At 8 m 1/2 / Locusts At 8 m 1/2 / Country open and cultivated
		Chelva 7	8	2	10	2	Ditto	Ditto	Probable	110 houses Inspection bungalow and a jail surrounding ground NW At 1 m 7/8 / well At 7 m 7/8 / a large tank. Road from Mysore goes on right before reaching Chelva
		Uthara	11	0	11	0	Ditto	Ditto	3 also 4, pass cavalry from Sivara	1 house 1 surrounding ground NW At 8 m 1/2 a large tank. At 8 m 2/3 cross the Dava river 120 yards wide. At 6 m 1/2 then war wall to town with house, and Post office At 8 m 2/3 well and abutment Country open with thin jungle for 1 1/2 m 8 miles
		Chandana	11	0	11	0				

Authority		Name of Stage	Distance				Food and Fuel	Water	Supplies	Remarks
			Stage	Total	Stage	Total				
History	Date		Miles	Feet up	Miles	Feet up				
Cavalry. Q. 1000 ft. altitude. 10 miles.	Oct 11	Brought over			31	0				
		Stage	15	0	46	0	Stage and	Food and water	4 days	25 horses, including my ground crew. At 8 a.m. 1 f. well and 1 h. m. At 7 a.m. 6 f. a tank. At 4 a.m. 2 f. Andross a small valley below with long section 1 sample, Post office and Jail. At 4 a.m. 2 f. out. road to Jangar. Reached off to the right. At 7 a.m. 8 f. above. At 8 a.m. 8 f. tank and a well.
		Devils, Combs, and H.P.	18	6			Devils	Alone here	Abandoned	1 small settlement, travellers' temple and Post office. Encamping ground to the NW of the Boulder river. At 8 a.m. 8 f. Boulder. 1 f. to the left and across a large valley. At 8 a.m. across a large valley to the left. At 8 a.m. 8 f. across the Boulder river 870 yards with head nearly under low position on the river. At 8 a.m. 6 f. Boulder. At 10 a.m. 8 f. across a low ridge.
		Total			31	0				
		10 miles								

TABLE No. 220

FROM RUESLERABAD TO GOONA, BY BOONDEE AND KOTA.

GENERAL INQUIRY, RE

[illegible]

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.	Names of Stages.	Singe.	Total.			
			Miles.	Furlongs.			
			Miles.	Furlongs.			
		Brought over .....	...	78 31			
		Nowgaum .....	8 4	81 73	Road very bad over rocks and broken ground, small hills, and thick jungle, until after passing Tanna for 3 or 4 m., when it becomes good, and passes through well cultivated country.	Wells .....	15 shops .....
		Boondee .....	10 0	91 73	Road good for the first 3 1/2 m. through a cultivated country; afterwards leads through a pass to the hills west of Boondee, and is very rugged and bad for carts.	Plentiful .....	Plentiful .....
		Takra or Talera .....	10 4	102 34	Road good, through an undulating country, covered with jungle.	Plentiful from river.	A few shops; supplies procurable after due notice.
		Kota .....	13 4	115 72	Road good; country for the first 5 1/2 m. covered with jungle; the remainder open and cultivated.	Chumbul river .....	Abundant .....
		Kootone or Katoon .....	9 4	125 31	Road at first in the midst of gardens, then over a rocky plain and afterwards winding through partial cultivation, and then babool jungle.	Plentiful .....	Small bazar .....
		Kujoore .....	11 4	136 71	Excellent road through an open and highly cultivated country.	Wells .....	Some shops; supplies also from adjacent villages.
		Sangode .....	16 0	151 71	Country as before; road very good in dry weather.	Plentiful .....	Bazar .....
		Bopour or Bhopwar .....	9 4	161 31	Country open and highly cultivated; road very good.	Plentiful .....	Abundant .....
		Bakulpore .....	9 0	170 31	Road over a broken undulating country, pretty well cultivated.	Wells .....	From neighbouring villages.
		Koondoo .....	12 0	182 11	Road over a rough broken country, at first tolerably well cultivated, but latterly barren and cut up by ravines. Bad near the river.	Plentiful .....	Procureable .....
		Carried over .....	...	183 11			

General Officer Commanding Allah Division, Mhow.

Agent to the Governor-General for Rajpootana, at Ajmer.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Mhow Division, Mhow	Agent to the Government-General for Nagpur, at Nagpur	Brought over			18 1/2	14				
		Chagera	12	4	18 1/2	14	Tolerable road over hills open and pretty well cultivated country	Wells	None	A large village. Hills on right at once in forest and forest above to village. Pan Moven at 1 m. O/, Kanan at 4 m., Ghara Kanan at 5 m. Kanan at 7 m. and Kanan at 8 m. The Underwood river is created on the W of Kanan, and forms the boundary between Kanan and Nagpur of Chagera. Its bed is about 170 yards wide bed rocky steep banks and clear rapid stream. Crosses at 1 mile
		Chikane or Chikane	8	4	26 1/2	11	Road rough and bad over a broken coun- try mostly covered with low jungle and cut up by ravines.	By the river	Heavy and much collected	A small village. Pan Dandawade at 4 m. O/ At 5 m. a break in a low range of hills and at 6 m. Ghara. Cross 3 miles on the bank and the river. Drydike at the end of it by an easy hard sandy bed.
		Dhandawade	8	0	34 1/2	11	Road tolerable	Wells	Plentiful	A small village. At 1 m. 4 / Dhandawade. At 6 m. Ghara. At 7 m. on the Purnia river, Dhandawade except after heavy rain Country cultivated with low hills.
Physical Postmaster General Officer Commanding Mhow Division, Mhow	Agent to the Government-General for Nagpur, at Nagpur	Chikane D.I.T.	18	0			Road for 12 m. bad and stony	Very abundant	Abundant	A small cultivated. At 4 m. pass Moven pan at 3 m. Ghara at 14 m. Kanan Country jungle with low hills.
		Total St. Marston.			228 1/2	11				

TABLE No 221

## FROM NUSSERABAD TO GWALIOR (MOHAR CANTONMENT), BY RUROWLEE

GENERAL DENDOWADE, N

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Mhow Division, Mhow	Agent to the Government-General for Nagpur, at Nagpur	Remounted to R M	10	8	10	8	Road over stony and undulating country	Wells and a tank	Plentiful	A small town on the bank of a large tank; watering by pipe 1 W. At 2 m. O/ Mhow. At 3 m. 4 f across the Dand river. At 7 m. 7 f the side. Country open and cultivated.
		Chikane or Chikane	7	2	17	8	Pretty good, country undulating	Tank and wells	Mostly col- lected.	A small village. Pan Mhow at 2 m. and Kanan at 5 m. Cross 4 m.
		Chikane Landa	11	2	28	1	Road generally good but stony and broken towards the end of the stage. Country open	Abundant	Abundant	A town, surrounded by a mud wall and tank. Pan Mhow at 2 m. 4 f. Kanan at 5 m. 6 f and Pan Mhow at 2 m. 5 f. Cross 5 miles.
		Chikane	12	0	41	1	Good road	Wells and a tank	Mostly col- lected.	A small village. Country open and undulating.
		Carried over			41	1				

Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.				
Military.	Civil.	Names of Stages.		Stages.	Total.								
		Miles.	Furlongs.	Miles.	Furlongs.								
General Officer Commanding Mysore Division, Mysore.  Agent to the Governor-General for Rajpootana, at Ajmer.		Brought over.....				41	1						
		Diggee .....		7	0	48	1	Good road .....	Plentiful .....	Plentiful .....	A considerable town surrounded by a mud wall. Pass Deemes about half way.		
		Mowsee .....		10	0	58	1	Ditto .....	Wells and a tank .....	Must be collected.	A village of 125 houses. Pass Bora, a considerable village, at 8 m. Cross a nullah.		
		Dangurthul .....		11	0	69	1	Ditto .....	Plentiful .....	Procureable .....	A large village. Pass Chowganat at 3 m., Bonwars at 8 m., Baza at 7 m. Cross the Marabee river at 8 m.		
		Jallao .....		13	4	82	6	Ditto .....	Ditto .....	Plentiful .....	A fortified town of considerable extent. Pass Chukians at 3 m., Kundowat at 3 m. 4 f., Chorpore at 4 m. 4 f., and Nowsee at 6 m. 4 f.		
		Gungwars .....		13	0	94	5	Ditto .....	Wells .....	From Bonnee 4 m. NE.	A village of about 100 houses. Pass Byroopora at 1 m., Jamrolee at 7 m. 6 f., and Bessola at 8 m. 6 f. Cross river Dehli at 8 m.		
		Chor Malarna .....		13	0	107	5	Ditto .....	Good water from wells and a pond .....	Procureable, but fuel scarce.	A middling village surrounded by a mud wall and ditch. Cross one nullah.		
		Meenapara .....		16	2	123	7	Road good, excepting in crossing the river, and the last 1 1/2 m. which is heavy.	From wells and the Bunban river.	Source, and must be collected.	A small village. Cross the dry sandy bed of the Alorcel, which is very heavy, and cross the Bunban river at 14 m. 2 f., 150 yards wide, banks sloping, bed moist sand, small rill of water in dry season. Hills right at 8 m. distance. At 8 m. 6 f. pass Buteoda, a small village surrounded by a dilapidated mud wall and ditch; wells, but supplies scanty.		
		Khoosahguri .....		8	7	131	6	Road sandy and heavy for carts.	Plentiful .....	Procureable .....	town enclosed by a mud wall and ditch. At 0 m. 7 f. cross a nullah, 2 1/2 yards wide, with low banks and sandy bed, dry for 8 months. At 8 m. 1 f. cross another nullah, low banks and a clayey bed, with water in pools.		
		Mahomedpoor .....		8	4	140	2	Road indifferent .....	Wells .....	Scarce, and must be collected, or brought from Kerowlee.	A small village. Country scantily cultivated.		
		Kerowlee..... P.		13	0	153	2	Road pretty good, with the exception of the last 2 m., when it passes the ravines.	Abundant .....	Abundant ..	A town enclosed by a wall, and surrounded by difficult ravines to an extent of nearly 3 m. Exemplary ground near the old Residency.		
		Bangdur .....		9	0	161	2	Road good for first 3 m. through ravines, remainder stony and uneven.	Good and plentiful from wells.	From Kerowlee, or Mundrel.	A middling village. Cross 3 nullahs. Country slightly hilly.		
		Mundrel .....		13	0	174	2	Road very bad for the first 8 1/2 m. over hills and through the Nedur Pass.	Plentiful .....	Plentiful .....	A punka fort on a hill, and a walled town. Pass a chowkee on the top of the Nedur. Pass at 7 m., where there is a tank, and a hunting seat of the Kerowlee Raja; and at 9 m. pass the village of Nedur.		
		General Officer Commanding Mysore Division, Mysore.  Agent to the Governor-General for Central India, at Indore.		Bowrie or Bawlie ...		7	4	181	0	Road narrow and bad, through ravines for the first 5 1/2 m.	From a well .....	None .....	A small village. Cross the Chumbul in this march by ferry; several small boats here. Pass Uttar at the head of the ravines, through which the road passes in the first 5 1/2 m.
				Kalowlee .....		10	4	191	3	Road good .....	Plentiful, wells.	From Procureable ..	A moderate sized village. Pass Kaimarce, Peepurgam, Balver, and Ranpoora.
Kylaras .....				9	4	201	0	Ditto .....	Wells .....	Procureable after due notice.	A considerable village. Pass Sawal and Nalpoore, and cross the Kowaree river by a ford at the last village.		
Carried over .....						201	0						

Authorities		Routes of Stages.	Distances.				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Pathways	Miles	Pathways				
Barracks, Panchgaur. Officer Commanding Grenadier Battalion, Major.	Agent to the Government-General for Colonial India at Lahore.	Brought over			241	0				
		Shikohabad	9	0	250	0	Road good	Plentiful	Preservable	A good road village on the right bank of the Sutlej river. Much is crossed. Fine Dargah poor and deserted.
		Banawali	12	4	262	4	Doile	Doile	Doile	A large village. Fine Janna, a Bazaar—a large village and house—old Dargah and some the same river.
		Palanpur	10	0	272	4	Road good at first but very rough and through jungle	Doile	Preserved half for due notice	A middle village. Fine Kachra and Dargah.
		Water Commission P. S.	10	4			Road good	Abundant	Abundant	A large settlement.
		Total			282	8				
		28 March								

TABLE No 222.

## FROM NUSSEHRABAD TO JHALRA PATTUN, BY BOONDED AND KOTA

GENERAL DIRECTION NR.

Authorities		Routes of Stages	Distances		Road and Soil	Water	Supplies	Remarks			
Military	Civil		Stages	Total							
General Officer Commanding Khair Divisions, Alwar	Agent to the Government-General for Independent, at Lucknow.	From Nussurabad to Kota.		118 7 1/2	Country not track	Abundant	Abundant	Feet Table No. XII			
		Pathways	12 5	126 4 1/2				} Feet Table No. XII (1)			
		Maharashtra	17 0	143 3 1/2							
		Boondi	12 0	155 3 1/2							
		Jhalra Patana	10 5					Ditto	Ditto	Ditto	A large village occupying ground ND At 4 f. Barwa Gate across the Maharashtra pass At 1 1/2 m. 3 f. Ambar. At 3 m. 3 f. Pungahia. At 4 m. 3 f. Jhalra. At 5 m. 3 f. Barwa. At 6 m. 1 f. Thakurpura. At 6 m. 3 f. Ambar. At 7 m. 3 f. Khajur. At 8 m. 3 f. Ambar. At 9 m. 3 f. Pungahia. At 10 m. 3 f. Barwa.
		Total		171 31							
		14 March.									A walked town, occupying ground to the N or W. At 1 1/2 m. 3 f. Ambar. At 2 m. 3 f. across a low hill covered and covered ground. At 3 m. 3 f. Barwa. At 4 m. 3 f. Pungahia. At 5 m. 3 f. Jhalra. At 6 m. 3 f. Ambar. At 7 m. 3 f. Khajur. At 8 m. 3 f. Ambar. At 9 m. 3 f. Pungahia. At 10 m. 3 f. Barwa. Country open and cultivated

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A large village overlooking ground ND. At  
4 f. Dargah Gate across the Maharashtra  
pass. At 1 m. 1 f. Dargah. At 2 m. 3 f.  
Panchgaur. At 4 m. 1 f. Jhalra. At 5 m.  
Boondi. At 6 m. 1 f. Maharashtra. At  
8 m. 1 f. Dargah. At 9 m. 1 f. Khair. At  
10 m. 1 f. Alwar. At 11 m. 1 f. Panchgaur.  
At 12 m. 1 f. Dargah.

A walked town, overlooking ground to the N  
or W. At 1 m. 1 f. Dargah. At 2 m. 1 f.  
crosses a bar hill covered and almost grassed.  
At 3 m. 1 f. Dargah. At 4 m. 1 f.  
Jhalra. At 5 m. 1 f. Panchgaur. At 6 m.  
Boondi. At 7 m. 1 f. Maharashtra. At 8 m.  
Dargah. At 9 m. 1 f. Khair. At 10 m. 1 f. Alwar.  
At 11 m. 1 f. Panchgaur. At 12 m. 1 f. Dargah.  
Country open and cultivated.



TABLE No 223.

## FROM NUSSEERABAD TO JOODPOOR.

GENERAL DIRECTION W

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages						Total	
			Miles Furlongs	Miles Furlongs						
		Nusseerabad to Mangalore B	14	0	14	0	Made road	Wells	8 shops	80 houses. Government Police station in position and elsewhere throughout. Occupying ground N. At 8 m S of B there 80 houses, 1 shop. Occupying ground W.
		Nagala	8	0	22	0	Cert road	10 wells		150 houses
		Shaw or Bhat	18	4	36	4	Do	20 wells		200 houses
		Samal	18	0	54	4	Good good	Very good from wells and a tank.	Supplies possible from Annampoor 1 m distant.	80 houses. Good occupying ground W.
		Lokowise	10	4	64	0	Do	80 wells and large tank.	Supplies possible from Annampoor.	150 houses and small stone fort. Occupying ground S. Extensive wheat cultivation all round. Fine walled village of Rajahmundry at about 4 m., at 6 m. Kates and at 10 m. Bhatkaly.
		Pachak	10	4	74	4	Do	10 wells and large tank.	Supplies possible from Annampoor.	200 houses. Occupying ground E. A great deal of cultivation around. Cows 3 miles.
		Koppara	13	4	87	0	Good good and generally	Abundant from 4 wells and a large tank.	Do	300 houses. Occupying ground E. At 2 m S of Annampoor 1 mile and at 4 m S of village of Bhatkaly with a tank.
		Bhoomipoor	10	2	97	2	Good heavy and sandy for about 1 1/2 m. then good.	Breakish from 7 wells but very good from a tank.	Supplies possible from Annampoor.	80 houses. Occupying ground N. Extensive cultivation around.
		Bhatkaly	18	4	115	6	Good good, occasionally heavy	3 wells water breakish, but good and abundant from a tank close by.	Supplies possible from Annampoor.	Occupying ground good N of village.
		Joodpoor P	7	0	122	6	Generally good 4 m. heavy	Abundant	Abundant	Cows one mile. Fine Mandas a village with tank water.
		Total			112	8				
		10 Mares								

This route was followed by the 3rd Troop Bombay Horse Artillery in March 1890

TABLE No 294.

## FROM NUSSEHABAD TO SAUGOR, BY KOTA AND SIRONJ.

GENERAL DIRECTION SE

Authorised as		Stages of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Stages				
See the Chapter of the N. E. R.		From Nussehabad to Dahana or Bhabha		204 14				See Table No. 290
		First 10 miles Perfectly River, near Kote Waste.	11 0	215 14	Road for the first 8 m. Fairly good over a stony soil. The country is the valley of low hills with low jungle and but the soil is very thin for 8 m. more to reach over stony hilly hills, and of low hills through to the well cultivated valley	Partially river	Mostly by road	Cross the river Partly at the end of the stage by a ford 180 yards wide stony and rocky bed and fine clear stream. Pass Bhabha at 8 m. and Kote at 8 m. Cross 4 miles in the stage.
		Dahana	13 0	228 14	Road over a jungle country in the valley of low hills, with higher ranges be- hind	Fairly good	Fairly good	A town and fort; the latter on a ridge of hills crossing W. and E. Pass Bhabha at 8 m. 8/ and Bhabha at 4 m. Cross 6 miles.
		Amra or Ahira	14 0	242 01	Road for the first 8 m. continued between ranges of low hills and interrupted by uncultivated and watercourses the hills then rise and there is a gra- velly descent to the river. The road is tolerably good through an open and partly cultivated country	Do	Do	A respectable village. Cross 5 miles.
		Kote	13 4	255 41	Road to the river. The river and road are good and running rather after which is passed over a cul- tivated plain	Do	Do	A small town in village. Pass Bhabha at 4 m. 4/; Doree at 8 m. and Chappan at 10 m. 4/ Road to 8 m. and river near Doree 180 yards wide and rocky low lands. 3 feet water in the dry season.
		Chappan or Deopur	9 4	264 01	Road good through a well cultivated coun- try	Do	Do	A respectable village. Pass Bhabha at 8 m.; Chappan at 4 m. and Doree at 8 m. 4/ Cross also 7 miles.
		Ward N. of town P	7 0	271 01	Road stony	Abundant	Abundant	A large town. At 2 m. pass Doree. At the end of the 8 m. Doree is a place of about 1 m. in length and very fertile for crops (except the road is very and hot Cross the Kote river in the road)
		Bhabha	9 4	280 41	Road very good	Fairly good	Provable	A large village. Pass Chappan at 8 m. and near Doree at 8 m. Cross the Doree river at 8 m. no replacement. Also 3 miles
		Doree	13 0	293 41	Do	Do	Do	A large village on the left bank of the Doree river. Pass Chappan at 8 m. 4/ Doree at 8 m. 4/ Kote at 8 m. and Doree at 8 m. Cross 3 miles
		Current over		294 01				

Authority		Status of Stage	Distances				Road and Soil	Water	Supplies	Remarks	
MUTINY	Date		Stage		Total						
			Miles	Perchages	Miles	Perchages					
British's Forwarding Officer Commanding Bangalore Division, Bangalore	Chief Commissioner Central Provinces to Nagpur	Brought over Horse or Asses			220	41					
			11	8		204	49	Road for first 8 m. in increased by ravines the remainder very good	None and waste	Plentiful	A small hamlet called village on the left bank of the river. At 8 m. (total) a hamlet had 200 yards wide rocky and stony banks along at the foot stream 100 yards wide and 2 feet deep. At 6 m. from the river and at 7 m. from the mouth of the river the W. bank of the river territory Cross also 2 miles
		Karnat	11	4		210	41	Road good country for the first 5 m. through thick jungle remainder subse- quence	Abundant	Abundant	1. responsible village town with stone fort detached. From Karnat at 2 m. near Hill pass at 4 m. 4 f. and Karnat at 7 m. 4 f. At 2 m. from the Karnat river 100 yards wide had rocky and stony banks 2 feet water. Cross also 2 miles
		Bandipur	11	6		220	41	Road good and country well cultivated to Bund. whereas at a narrow story and through thick jungle	Wells	Plentiful	A small village. From Karnat at 1 m. 4 f. Bund at 3 m. 4 f. / From Karnat at 6 m. 4 f. Bund at 8 m. 4 f. / From Karnat at 10 m. 4 f. Leaving Bund, enter a pass between hills at every second mile which approach each other reaching open from the top of the pass. Cross the Karnat river and one mile.
		Maravalli	9	8		220	41	Road middlemost nar- row, and intersected by ravines.	Plentiful	Plentiful	A large village situated between two hills one narrow by a stone wall at both ends of the passage. Last Poles Tera at 8 m. and at 8 m. from the Karnat river 200 yards wide had stony and rocky 2 feet water, very good. Cross also 2 miles
		Maravalli B.P.T.	12	4				Road good valleys cultivated, country hilly	Abundant	Abundant	From Karnat at 2 m. and Maravalli at 8 m. 4 f.
Total 25 Marches					220	41					
British's Forwarding Officer Commanding Bangalore Division, Bangalore	Agent to the Governor-General for Central India, at Indore.	From Karnat to Maravalli and Bund is as follows --									
		To Karnat				220	41				As above
		Bandipur	12	0		210	41	Road for 12 m. through undulating and partly cultivated country then for 12 m. rough and stony, passing over low hills covered with jungle the re- mainder good	Abundant wells and bore water	Plentiful	Road about village on the left bank of. Partly river, which is crossed here by an easy ford in the morning. Road sandy and a cavalry squad, left bank rather steep and difficult for carts through low right bank high Water about 12 feet deep in 10 months. At 12 m. from Karnat at 4 m. from Karnat to which runs a small river with stony bottom, 1/2 m. from Karnat and another small stony river and cross another small river with 1 foot water in December and stony bottom at 10 m. from Karnat
		Bandipur	10	0		220	41	Good easy road, well cult.	Plentiful wells with water always, and wells	Plentiful	Large village with good surrounding ground on the river. Deep a well at 1/2 m. from the village very difficult, with deep sandy bed. At 8 m. from Karnat at 6 m. from Karnat and across an easy mile at 11 m. from Karnat at 14 m. from Karnat on the track road and across the river Karnat about 100 yards wide with high banks - flood at this season (December) very high and water sandy bed
		To Maravalli	40	1							File Table No. 113 (2)
		Total				220	41				

TABLE No 225

## FROM NUSSEHRABAD TO TONK

GENERAL DIRECTION, SE

Attendant		Name of Stage	Distance				Road and Soil	Water	Supplies	REMARKS
Military	Civil		Miles	in stages	Miles	in stages				
General Officer Commanding Madras Division, Nil	Agent to the Governor-General for Hyderabad at Ajmer	From Nussehrabad to Dargah	10	3	10	3	Cart road	Abundant	Abundant	A walled town on the bank of a large tank occupying ground W At 2 m S of Dargah At 3 m S of Dargah At 4 m S of Dargah At 5 m S of Dargah Country open and cultivated
		Dargah	10	4	20	7	Cart road but heavy and impassable on the wet season, with black and red	Ditto	Ditto	A large village occupying ground NW At 2 m S of Dargah with a large tank At 3 m S of Dargah At 4 m S of Dargah At 5 m S of Dargah At 6 m S of Dargah Country open and cultivated
		Dargah	11	5	31	8	Good cart road and red	Canal and well	Scarcely	A small village occupying ground W At 3 m S of Dargah At 4 m S of Dargah At 5 m S of Dargah At 6 m S of Dargah At 7 m S of Dargah Country open
		Township	10	6	41	9	Ditto	Canal and well	Abundant	A large village occupying ground NW of NW At 4 m S of Dargah At 5 m S of Dargah At 6 m S of Dargah At 7 m S of Dargah At 8 m S of Dargah Country open
		Dargah	11	7	52	10	Ditto	Well	Ditto	A village of 120 houses occupying ground W At 3 m S of Dargah At 4 m S of Dargah At 5 m S of Dargah At 6 m S of Dargah At 7 m S of Dargah Country open
		Dargah	10	8	62	11	Good cart road but impassable on the wet season	Tank and well	Ditto	A village of 300 houses occupying ground NW At 3 m S of Dargah At 4 m S of Dargah At 5 m S of Dargah At 6 m S of Dargah At 7 m S of Dargah Country open
		Tank or Amargay	8	9	70	12	Good cart road, red and black	Abundant	Abundant	A large town and fort occupying ground W At 3 m S of Dargah At 4 m S of Dargah At 5 m S of Dargah At 6 m S of Dargah At 7 m S of Dargah Country open
		Total			78	14				

TABLE No. 226.

FROM NUBKERABAD TO SHAHJHANPOOR, BY BOONDHE, KOTA, JHALRA  
PATUN, AND AUGUR.

GENERAL DIRECTION, SE.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.			
			Stages.	Total.							
Military.	Civil.		Miles.	Parangues.	Miles.	Parangues.					
General Officer Commanding Madras Division, Madras.	Agent to the Governor-General for Hyderabad, at Ajmer.	From Kumbherabad to Ujjain.	—	—	81	01		File Table No. 119.			
		Kota	84	7	118	71		File Table No. 120.			
		Paikpur	13	5	132	41		File Table No. 121. (1)			
		Makandera	17	6	149	31					
		Jhalra Patun	25	3	174	31		File Table No. 122.			
		Byppor	13	0	184	31	Country wet track, with walls raised.	Madras to — A large village; occupies H. At 2 m. S. of Chaudhri Khore. At 7 m. N. of Khore. At 8 m. N. of Khore. At 9 m. N. of Khore. At 10 m. S. of Khore. At 11 m. S. of Khore. Country open and cultivated, this jungle in parts.			
	Agent to the Governor-General for Central India, at Indore.	Mahesh P.	13	0	187	31	Ditto	Ditto	Ditto	A large village; occupies ground N. or S. At 3 m. S. of Khore. At 4 m. S. of Khore. At 5 m. S. of Khore. At 6 m. S. of Khore. At 7 m. S. of Khore. At 8 m. S. of Khore. At 9 m. S. of Khore. At 10 m. S. of Khore. At 11 m. S. of Khore. Country open.	
		Boondhe	18	0	215	31	Ditto	Abundant	Abundant	A large walled village; occupies H. or S. At 3 m. N. of Khore. At 4 m. S. of Khore. At 5 m. S. of Khore. At 6 m. S. of Khore. At 7 m. S. of Khore. At 8 m. S. of Khore. At 9 m. S. of Khore. At 10 m. S. of Khore. At 11 m. S. of Khore. Country open and cultivated.	
		Ajmer Cantonment P.	14	3	229	71	Ditto	rough	Ditto	Ditto	A large walled town to the N. of the cantonment. At 3 m. N. of Khore. At 4 m. S. of Khore. At 5 m. S. of Khore. At 6 m. S. of Khore. At 7 m. S. of Khore. At 8 m. S. of Khore. At 9 m. S. of Khore. At 10 m. S. of Khore. At 11 m. S. of Khore. Country hilly and uncultivated and covered with thick jungle.
		Kanwar	11	3	240	12				File Table No. 123. (1)	
		Dagpur	10	04	250	2					
		Shahjhanpur	10	01							
		Total			262	34					
		At Khore.									



Authorisation		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS	
			Stages	Total					
Military	Civil		Miles.	Furlongs	Miles.	Furlongs			
General Officer Commanding Poona Division, Poona.	Collector at Bangalore	Brought over Poona Road Railway Station	14	7½	110	0½	Good made road	Wells and small tanks	Kondhwa village, 100 houses, 6 shops at 1 kilometre about 4 f from the Railway Station good outcropping ground between the railway and river At 10 m. 2 f. Ached, 16 houses 2 shops At 12 m. 5 f. Kondhwa, 100 houses 2 shops
		Bedina	8	4½	119	3½	Ditto	Small river	200 houses, outcropping ground At 7 m. 7½ f. Purna, 200 houses, 2 shops At 5 m. 2 f. across the Purna river (bridged)
		Darwa	13	6½			Ditto	Falls and wells	A large town with Government Post Office outcropping ground At 4 m. 6½ f. Wase, 11 houses At 7 m. 4 f. Khairwa, 200 houses 1 shop At 10 m. 1 f. Alipat, 10 houses
		Total			132	0½			
		13 Marches							

Note.—The Post Office at Poona is 1 m. 5½ f. NW from the Government Church the total distance from the Post Office is 132 m. 4 f.

TABLE No. 228

## FROM POONA TO BERAPOOR, BY JEEJOORIE, PHULTUN, AND PUNDURPOOR.

CENTRAL DIVISION, BS

Authorisation.		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Stages	Total					
			Miles. Furlongs	Miles. Furlongs					
General Officer Commanding Poona Division, Poona	Collector at Poona	Poona Government District to Warliam	8	3	9	3		Tide Table No. 73	
		Warliam	9	0½	17	3½			
		Jagpur	9	8	27	0½			
		Wara bridge (Haw)	14	8	41	3½			
	Collector at Baram	Phultra B P	10	8	51	0½	Tolerable cart road but much deteriorated by rains	Abundant	Abundant, mostly from the Baram
		To Pandharpur	60	0½	111	1½			A small town surrounded by a wall with two towers remains of a Native Chief's fort. A large Government Bazar, a good bazaar for European travellers At 1 m. 8 f. from Pandharpur, At 4 m. 2 f. Kharwa At 7 m. 5 f. Takhwa At 11 m. 10 f. Lakhwa
		To Baram	60	7½					
		Total			131	1			
		10 Marches							

Tide Table No. III (1)

Tide Table No. 23

TABLE No 220.

## FROM POONA TO BHIMWADI, BY CHOWK (WOUNDUL) AND NARKI.

GENERAL DIRECTION, NW

Authorities.		Nature of Stage	Distance		Food and Fuel.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perkings.				
General Officer Commanding Poona Division Poona	Collective & Private.	Poona. Government. Church to a grove.	18	81	18	81		File Table No 90
		Wargan.	10	81	28	81		File Table No. 22 (7)
		Karkee.	11	1	39	41		File Table No. 21 (1)
		Kharoli.	7	81	46	12		
	Collection at Poona.	Signature of road from Karkee near Gaoth B.	18	10	64	8		12000 houses, Government and private; low galley about 8 f from the junction of the road from Karkee. At 1 m 2 f the start of the Khare ghat commences. At 1 m 81 f Khare ghat at the foot of the ghat. At 1 m 1 f road to Poona branches off to the left. At 10 m 14 f Khare ghat, 2000 houses & shops. At 12 m 25 f Khare ghat, 1000 houses and a chowk. At 18 m 71 f Tota ghat, 18 houses.
		Narki.	19	72	83	11	15 chaps.	500 houses and Railway station about 8 f on left of road, occupying ground NW on the bank of the Chash river. At 4 f Khare ghat, 10 houses. At 1 f 71 f Khare ghat, 8 houses. At 2 m 21 f a tank on right. At 4 m 11 f a well. At 8 m 81 f a full chowk, and the main road to Karkee branches off to the right. Karkee Railway Station is a mile from the chowk. At 0 m 81 f Wargan, 10 houses. At 8 m 81 f Wargan, 10 houses. At 8 m 81 f Wargan, 10 houses. At 10 m 81 f Wargan, 10 houses. At 12 m 81 f Wargan, 10 houses. At 14 m 81 f Wargan, 10 houses. At 16 m 81 f Wargan, 10 houses. At 18 m 81 f Wargan, 10 houses.
		Wargan.	11	8	95	81		File Table No. 27
		Karkee.	9	72	104	81		
		Bhimwadi.	8	4	112	81		
		Total.			100	11		
		8 Marches.						

Note.—The distance by road from Poona to Karkee is 81 miles.

The Post Office at Poona is 1 m 81 f NW from the Government Church; the total distance from the Post Office to 64 m 81 f.



REVISÉD TABLE No 220

POONA TO SHEWINDY, BY KHANDALLA, PANWELL, DYHIR-CHAPADA AND KOLA

GENERAL DIRECTION—NW

[illegible]





Authorities		Names of Nagas	Distances		Road and Soil.	Water	Supplies	Remarks	
Military	Civil		Stages	Total.					
									Miles
General Officer Commanding Poona District, Poona.		Collector at Poona.	Brought over from the Mool river to Ambur.	18 8	51 06	Mud road	Mool river	2 days	A small village 2 days to the left, an outcrop ground on the E. bank of the Mool river 180 yards N. has good gravelly banks, very a flying bridge in the river. At 8 m. S / top of Aksh Khind. At 6 m. N / foot of second river. At 7 m. N / over Khar river 10 yards wide and many banks easy. At 8 m. S / foot 125 houses 2 days, water. Do not know river. At 11 m. S / top of Chakra, Khind, from at easy. At 13 m. N / Chauran. 50 houses, 2 of up 2 days to left.
		Collector at Ahmednagar.	Chandrapur -	16 51	00 54	Ditto	Datta and walls	2 days	80 houses and a small hill. good outcrop ground N and E. At 8 m. S / top of Panch ghant. short easy descent. At 8 m. N / Chauran 75 houses 2 days 1 wall. At 7 m. N / Kharan a small village 2 days to right. At 6 m. S / top of Chauran. At 10 m. S / foot of Chauran. 100 houses, 2 of up 2 days to left.
			Bhongir -	5 51	00 1	Ditto	Panch river	None	A large village, 1 400 houses with Collector's bungalow at the junction of the Panch and Chauran rivers. good outcrop ground to the N. At 4 m. N / over the Panch river 110 yards wide and many, banks easy. a flying bridge in the river.
			Shindur	11 54	00 03	Ditto	Nalla and walls	2 days	100 houses; good outcrop ground E. The mud road to Kharan 1 mile of bare to the right. At 6 m. N / over a nalla and wall. At 7 m. S / over of Kharan ghant. a mountain. At 7 m. N / top of Kharan ghant. short easy.
			Sumar 1	18 1	111 74	Ditto	Bharwanthi river	Abundant	A small valley down. good outcrop ground NW. At 3 m. N / over (small) 75 houses 4 days 1 wall. At 4 m. N / Kharan 70 houses. At 5 m. S / Kharan 70 houses. At 11 m. N / over the river (small) At 11 m. N / over Bharwanthi river (small).
			Shik	5 74	130 04	Ditto	Nalla and walls	1 day	500 houses. good outcrop ground N. and W. At 6 m. S / top of a short ascent, easy. At 8 m. N / top of Shik ghant, easy and short ascent. At 4 m. N / foot of second river.
			Deolali Outpost Quarter Guard.	6 51					Table No. 30.
			Total		130 4				
			18 Marcho.						
The direct road from Sumar to Deolali by the country and track is as follows:-									
General Officer Commanding Boundary Division, Bombay.		Collector at Nashik.	To Sumar		111 74				As above
			Deolali Outpost	18 8					Table No. 30.
			Total		131 24				
			11 Marcho.						

A small village 2 furlongs to the left; an outcrop ground on the L. bank of the Mool river 100 yards wide and generally timbered; a S. by E. bridge in the river. At 8 m. S. of top of Aksh. Khind. At 6 m. 71/2 f. of several very small hills. At 7 m. 71/2 f. from Mool river 10 yards wide and deep; banks very steep. At 8 m. 1/2 f. from 125 houses 8 steep, small hills. At 11 m. 3/4 f. top of Ghata, Khind, from at very. At 15 m. 1/4 f. Ghata. 20 houses, 1 at top 8 furlongs to left.

20 houses and a small creek. good outcrop ground N. and S. At 8 m. 1/2 f. top of Purna plant about 100 yards. At 9 m. 11/2 f. distance 75 houses 3 steep 1 well. At 9 m. 61/2 f. Karpash a small village 3 furlongs to right. At 10 m. 81/2 f. top of Ghata. At 10 m. 81/2 f. top of Ghata. At 11 m. 61/2 f. Ghata. 20 houses, 1 at top 8 furlongs to left.

A large village, 1000 houses with Ghata's landscape at the junction of (1) Purna and (2) Ghata. 20 houses, good outcrop ground to the N. At 4 m. 11/2 f. from the Purna river 110 yards wide and deep; banks very steep. a S. by E. bridge in the river.

100 houses; good outcrop ground H. The road leads to Kishan (summit of hill) to the right. At 6 m. 41/2 f. from a well and well. At 7 m. 1/2 f. summit of Kishan plant common. At 7 m. 71/2 f. top of Kishan plant about 100 yards.

A small well known good outcrop ground NW. At 3 m. 11/2 f. from (summit) the house 4 steep 1 well. At 4 m. 81/2 f. from 100 houses. At 5 m. 11/2 f. from 100 houses. At 11 m. 41/2 f. from the river (bridge). At 11 m. 11/2 f. from the river (bridge).

100 houses good outcrop ground H. and W. At 61/2 f. top of a short summit, very steep. At 8 m. 11/2 f. top of summit, very steep.

71/2 m. Table No. 25.

As above

Table No. 26

GENERAL DIRECTION, N.

TABLE No. 232.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stago.	Total.					
			Miles.	Furlongs.					
Military.	Civil.		Miles.	Furlongs.					
General Officer Commanding Poona Division, Poona.	Collector at Poona.	Poona (Cantonment Church) to Khair- E. G.	14	14					
					14	14	Road made. Rivers & wells bridged and drained.	Sails and walls ...	3 shops, and 75 houses and a chowree on the right bank of Joonocha nullis and 2 furlongs on right of road. Encamping ground on left. The road, after passing the Petty Staff Lines, runs west along the Sunsetset road to Hegrabang chowkee, 2 miles from St. Mary's Church, whence it turns south. At 5 m. 7½ f. pass Katrus, 100 houses, 3 shops, and a dhurumala, a large tank from which the City of Poona is supplied with water on left of road. At 7 m. 1 f. Mangachoo Waree, a small village at the foot of the Katrus ghaut. At 9 m. 6 f. the tunnel at the top of the ghaut, which is 14 furlongs in length. At 11 m. 4 f. Shodai Waroo, a small village at the end of the descent of the ghaut. At 12 m. 4 f., Yelloo, 100 houses, 4 shops and a dhurumala about 2 furlongs to the left of the road.
Carried over...			14	14					



GENERAL DIRECTION, NE

NOTE.—The distance by rail from Poona to Munnar is 214½ miles and Munnar to Malligaum by road 83½ miles.

TABLE No. 234.

GENERAL DIRECTION, SW.

113





Authority		Kind of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Parties	Miles	Parties		
General Officer Commanding Forces Division, Poona.	Collection of Supplies at Ailing	Brought over						
		Donkeymen	14	2	48	4	Tolerable and road as dry weather but nearly impassable during the rains.	Tibetan river small 10 steps
	Donkeys B P	17	2			Ditto	Tank wells, and abundant river	A large village on the Arun a navigable river, with a treacherous bar. From 4 small hamlets in Orun or Orun, 80 houses at 8 m 2 1/2 /, and some more hamlets to Nialai gues, 80 houses, at 11 m 2 f, and Chik wet, 10 houses, at 16 m 6 1/2 f
	Total			80	24			
		7 Mules						

TABLE No 235. (3)

FROM POONA TO NAGOTNA, BY THE GARHOWLOTH GAUT.

**CHEMICAL DESCRIPTION, W**

Armies		Names of Stages	Distances.		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles.	Furlongs.	Miles.	Furlongs.			
General Officer Commanding Forces Lahore, Punjab	Collector at Lahore.	Panna (Unfortified (Ghatok) to Bona.	10	2 1/2	10	2 1/2	Terrible cart road, over undulating country.	100 houses, and good occupying ground. B At 8 = 2 1/2 f from the Ghats, passing through the Unfortified, over the Walled bridge at the Mangro, of the Moha, on Mook river, at 8 = 1 1/2 f the Ghats head, —a wide cart road as far. At 6 = 4 f Panna on left, 80 houses. At 8 = 4 f Bona, 80 houses, 1 shop, country open and undulating.	
		Power P	10	6	20	7 1/2	Diffc	Mook river and 1000 wells.	A large village on the Moha river, Ghats side and good occupying ground. At 4 = 2 1/2 f, Lohia, 100 houses, near the Moha river. At 7 = 3 f, Anikara, 40 houses, on the river. At 8 = 4 f, Darodok, 80 houses, 1 shop, country as before, but some jungle near Darodok.
		Current over		20	7 1/2				

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles.	Furlongs	Miles	Furlongs			
General Officer Commanding Poona Division, Poona	Collector at Poona.	Brought over			30	71			
		Marches	11	1					
	Collector at Satara.	Harwar, summit of the Ghats.	8	8					
						30	81		
	Collector of Chikale, at Akole.	Harwar, summit of the Ghats.							
		Harwar, summit of the Ghats.							

TABLE No 230.

FROM POONA TO NASSIK, BY NARBAINGAUM, SINGUMNAIR, AND SINPUR.

GENERAL DIRECTION N.

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks				
			Stages	Total								
			Miles.	Furlongs								
Military	Civil		Miles.	Furlongs								
General Officer Commanding Poona Division, Poona	Collector at Poona.	From (Government Office) Poona to Satara		120	81							
		Harwar Post Office B.P.T.	8	81								
		Total		128	81							
13 Marches												
					Made road	Abundant	Abundant	See Table No 230.				
								A large town with travellers' bungalow; good encamping ground N. of the tank. At 3 m S. of (Black, 80) horses, 1 sheep. At 8 m S. of (Black, 80) horses, 1 sheep. At 11 m S. of (Black, 10) horses. Country hilly and jungle.				

TABLE No. 237.

## FROM POONA TO OORUN, BY THE BHOBE GHAT, AND PANWELL.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stages.		Total.					
			Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.		Collector at Poona.	From Poona to Nigroo.....	13 5½	13 5½	.....	.....	.....	Vide Table No. 89.	
			Wargam .....	10 5½	24 1½	.....	.....	.....	Vide Table No. 23. (2)	
			Karlee .....	11 1	35 4½	.....	.....	.....	Vide Table No. 23. (1)	
			Khundala .....	7 5½	43 1½	.....	.....	.....		
			Wandul .....	14 1	57 2½	.....	.....	.....		
			Panwell .....	13 5½	70 0	.....	.....	.....		
		Collector at Panvel.	Ooran .....	15 8	85 8	Road metalled and bridged.	Abundant	Abundant, 50A shops.	A large place, encompassing ground, 8. in fields. At 0 f. leave the road to Panwell Bunder and turn to the left. At 1 m. bridge across the Garroo river. At 3 m. road to Oorun Bunder branches off to the right. At 3 m. 1 f. Depowlee, 30 houses. At 4 m. 2 f. cross a creek 50 yards wide, banks low, bed sandy, to Koonwul, 20 houses. At 4 m. 5 f. a kind. At 5 m. 1 f. Bombye, 10 houses. At 8 m. 8½ f. Jamie, 60 houses, 3 shops. At 9 m. 2½ f. Balipara, 25 houses, and cross a creek 20 yards wide. At 13 m. 5½ f. cross a large mill to Bokham, 50 houses.	
			Total.....	...	85 8					
			7 Marches.							

TABLE No. 238.

## FROM POONA TO PENN, BY THE BHOBE GHAT.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stages.						Total.	
			Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding Poona Division, Poona.	Collector at Poona.	From Poona to Nigroo.	13	5½	13	5½			Vide Table No. 89.	
		Wargam .....	10	5½	24	3½			Vide Table No. 23. (2)	
		Karlee .....	11	1	35	4½			} Vide Table No. 23. (1)	
		Khundala .....	7	5½	43	1½				
		Carried over .....			43	1½				

General Officer Commanding, Poona Division, Poona.

Authority.		Name of Stage	Distance				Road and Soil	Water	Supplies	Remarks.					
Military	Civil		Stage		Total.										
			Miles.	Perchages.	Miles.	Perchages.									
General Officer Commanding, Poona Division, Poona.	Collector of Chikla at Alibag	Brought over			48	11									
		Tambator	11	11	64	61	It is road for 7 m. the tank and walls rest. No road bridged.		Yes	25 houses; about 12 1/2 to the right; among 1/2 near the tank. At 1 m. 3/4 the descent of the 24 m. (about 1000 ft.) At 2 m. 2 1/4 / 1000 ft. at 1 1/2 m. end of the stage, a large village water and supplies abundant. At 7 m. 1 1/2 / leave 12 m. to road to Panvel. At 7 m. 7 1/2 / 1000 ft. 10 houses. At 8 m. 5 / 1000 ft. 25 houses 1 shop 1 1/2 to the left. At 10 m. 4 1/2 / a Khed.					
		Mangrul	9	3	64	61	No road, road, bridged.	Wells	8 shops	100 houses; among 8 m. to the left. At 7 1/2 / 1000 ft. 25 houses. At 1 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 2 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 3 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 4 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 5 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 6 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 7 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 8 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 9 m. 4 1/2 / 1000 ft. 25 houses 1 shop. At 10 m. 4 1/2 / 1000 ft. 25 houses 1 shop.					
		From	4	7			It is	Abundant	Abundant	A large place; occupying ground 1/2 in a village. At 1 m. 4 1/2 / 1000 ft. 25 houses. At 2 m. 4 1/2 / 1000 ft. 25 houses. At 3 m. 4 1/2 / 1000 ft. 25 houses. At 4 m. 4 1/2 / 1000 ft. 25 houses. At 5 m. 4 1/2 / 1000 ft. 25 houses. At 6 m. 4 1/2 / 1000 ft. 25 houses. At 7 m. 4 1/2 / 1000 ft. 25 houses. At 8 m. 4 1/2 / 1000 ft. 25 houses. At 9 m. 4 1/2 / 1000 ft. 25 houses. At 10 m. 4 1/2 / 1000 ft. 25 houses.					
		Total			68	71									
		7 Marches.													
	Collector at Alibag	From Poona to Panvel is as follows —													
		Panvel	7	4 1/2	7	4 1/2	No road, road, bridged.	Wells	15 shops	125 houses; good occupying ground 1/2 in a village. At 1 m. 4 1/2 / 1000 ft. 25 houses. At 2 m. 4 1/2 / 1000 ft. 25 houses. At 3 m. 4 1/2 / 1000 ft. 25 houses. At 4 m. 4 1/2 / 1000 ft. 25 houses. At 5 m. 4 1/2 / 1000 ft. 25 houses. At 6 m. 4 1/2 / 1000 ft. 25 houses. At 7 m. 4 1/2 / 1000 ft. 25 houses. At 8 m. 4 1/2 / 1000 ft. 25 houses. At 9 m. 4 1/2 / 1000 ft. 25 houses. At 10 m. 4 1/2 / 1000 ft. 25 houses.					
		From Poona to Wassei Bunder													
		Wassei	4	4 1/2	4	4 1/2	It is road	Tank	4 shops	70 houses; occupying ground 1/2 in a village.					
		From Poona to Alora Bunder													
		Alora	2	7	2	7	No road, road	Wells	8 shops	60 houses; occupying ground 1/2 in a village.					
		From Poona to Panvel													
	Collector at Poona	Alora	9	7 1/2	9	7 1/2	Country cart track	Shrubs and wells	25 shops	200 houses; occupying ground 1/2 in a village. At 1 m. 4 1/2 / 1000 ft. 25 houses. At 2 m. 4 1/2 / 1000 ft. 25 houses. At 3 m. 4 1/2 / 1000 ft. 25 houses. At 4 m. 4 1/2 / 1000 ft. 25 houses. At 5 m. 4 1/2 / 1000 ft. 25 houses. At 6 m. 4 1/2 / 1000 ft. 25 houses. At 7 m. 4 1/2 / 1000 ft. 25 houses. At 8 m. 4 1/2 / 1000 ft. 25 houses. At 9 m. 4 1/2 / 1000 ft. 25 houses. At 10 m. 4 1/2 / 1000 ft. 25 houses.					
		Chikla over			9	7 1/2									

Anchorage.		Names of Stages.	Distance.		Road and Rail.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perkayes.	Miles.	Perkayes.		
		Brought over.....	—	—	9	7½		<p>00 houses. At 8 m. cross a creek 08 yards wide, a small boat here, fordable at low water. At 9 m. 7 f. cross a small place. At 9 m. 8½ f. cross the Apia creek, 170 yards wide, fordable at low water. A boat in the river.</p>
	Collector at Tanana.	Passwell F.	11	4½	—	—	Country cart track	<p>Abundant</p> <p>Abundant</p>
		Total.....	—	—	21	4		<p>A large place with Post office, staging possible. In charge of the Collector used as a dinner table. The Bender is 8 m. west. At 2 m. 1½ f. Indovina, 25 houses. At 3 m. 1½ f. Gostanika, 60 houses, 2 shops. At 3 m. 4½ f. Trench, 40 houses. At 4 m. 1½ f. Trench, 25 houses. At 4 m. 6½ f. Gostanika, 4 houses, 1 shop. At 4 m. 7½ f. Indovina, 1 house. At 5 m. 7½ f. Karpovka, 40 houses. At 6 m. 7½ f. Karpovka, 40 houses. At 7 m. 7½ f. Karpovka, 40 houses. At 8 m. 7½ f. Karpovka, 40 houses.</p>

TABLE No. 239.

FROM POONA TO POORUNDHUR. BY THE DEEWA GHAT.

GENERAL DIRECTION, S.E.

Antiseptics.		Name of Station.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			From.	Total.				
Military.	Civil.		Miles.	Fathoms.				
		From Pusan to Wonsan.	8	2	Made road			} To Table No. 78.
		Asbury	0	0 1/2				
		From Asbury Church to the Boarding place.	7	1 1/2	Clear road	Abundant	Abundant	
		Total		21				
		2 Marches.						
The road by the Ryongho Chuan is as follows:—								
		From Pusan to Hwangso.	9	8	Made road and kept in repair.			} To Table No. 79.
		From Asbury Church to the Boarding place.	10	6 1/2	Clear road from Asbury Church.	Abundant	Abundant	
		Total		23 1/2				
		2 Marches.						

TABLE No. 240.

## FROM POONA TO SATTARA, BY THE KATRUZ AND KAMATKEE GHATS.

GENERAL INFORMATION, &amp;c.

Authorisation.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stages.	Total.						
			Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.	Officer-in-Charge at Poona.	Poona (Quartermaster General) to Khair	14	13	14	13	Make road		Table No. 242.	
		Khair	11	4	25	17				
		Pargana	11	14	22	17				
		Yala	8	64	45	4				
		Khair	8	14	31	17				
	Officer-in-Charge at Sattara.	Sattara Post Office, H.P.	18	64			Make road	Khair, three small wells.	Wells, no good ones in work.	200 houses and a Chattram; good mangoes; ground 8 furlongs N. of village, near the Krishna House. At 3 m. S. J. S

Note.—Troops making their first march from Poona may make Khair in two marches if thought advisable, Katru 8 1/2 f.  
Khair 8 1/2 f.

From Sattara to Khair may also make the same arrangements to make in two marches, Bhargava 8 1/2 f.  
Khair 8 1/2 f.

Khair Bhargava  
Furthest marching stage at Khair and Yala and Khair 15 1/2 f.

TABLE No 241.

## FROM POONA TO SHOLAPOOR, BY INDAPUR.

GENERAL DIRECTION, 1881.

Attributes		Names of Stages	Distances.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Furlongs	Miles.	Furlongs		
General Officer Commanding Poona Division Poona	Collector at Sholapur	From Poona (Cantonment Church) to Tamboree		86 7				vide Table No 237
		Arce	18 6	108 4	Made road	Abundant, from wells	Abundant shops.	Small village good ground. At 3 m 6 f past Yemgaon at 6 m 5 f Bhony 20 houses and wells; at 7 m 5 f / Abundant wells and at 8 m Warranah wells
		Havra	19 4	128 1	Ditto	Good from wells	Moderate	A small walled village good commanding ground. At 3 m 4 f past Marolimb a large village at 4 m 3 f / Khatpal, large village with good supplies and a Collector's bungalow at 6 m 4 f / Thakra Warren and at 10 m 7 f / Havra Chowree wells
		Mohol B P	6 4	134 5	Ditto	Abundant from wells	Moderate shops	A market town with travellers bungalow and post office. At 6 f / Chikhe 60 houses At 8 m / Karkhe 144 houses 2 shops.
		Sevtilskur	8 4	143 0	Ditto			} vide Table No 23. (1)
		Sholapur Fort R P T	11 3	154 3				
		Total		163 7				
		14 Miles						

Note.—The distance by rail from Poona to Sholapur is 160½ miles

From the Cantonment Church to the Railway Station at Poona is 1 m 4 f

From the Post Office to the Railway Station at Poona is 4 f

From the Cantonment Church to the Post Office at Poona is 1 m 3 f

From the Railway Station to Sholapur Fort is 1 m 3 f

Do do to the Native Infantry Lines is 3 m 2 f

TABLE No. 242

## FROM POONA TO SINGGARH.

GENERAL DESCRIPTION, &amp;c.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Poona District, Poona.	Collector at Poona.	From Poona Church to Singgarh.	18	14	...	...	...	...
								General description of road to the foot of the hill, the road a cattle track.
								Abundant
								Presumably from village below
								At 1 m. 1/2 with several bungalows. At 2 m. a shooting and the main road to Patil's bungalow off to the left. At 3 m. 1/2 f. Patil's village. At 4 m. 1/2 f. the main road from Karim's house on right. At 4 m. 8 f. Vaidhar's. At 5 m. 8 f. f. across the Karim's road. At 7 m. 1 f. across a large well. 100 yards wide. Available a few trees after heavy rain. At 7 m. 8 f. crosses the creek. At 9 m. 4 f. Khairilal's, 113 houses, 10 shops, 8 dharmashalas. At 10 m. 5 f. Zanghar's bungalow. At 11 m. 4 f. Ganga, 20 houses. At 11 m. 1/2 f. Darga, 702 houses, 6 shops. At 14 m. Ashikhar's, 34 houses and a well at the foot of the hill, here commences the ascent. At 15 m. 1/2 f. Main, 10 wells.
		Total.....	18	14				
		From Karim to Singgarh is as follows:—						
		Karim Church to Singgarh.	17	43	...	...	...	...
								Main road for 1/2 m. the road a cattle track, road in the foot of the hill.
								Abundant
								Presumably from village below
								At 1 m. 8 f. road from Karim's bridge joins on left. At 1 m. 8 f. leave the road to Poona and cross the Railway. At 2 m. 11 f. cross the road from Poona to Ganga Karim. At 3 m. 8 f. cross the Karim river (bridge). At 3 m. 11 f. road to the City of Poona, branches off to the left. At 4 m. 8 f. road from Karim's house joins on left. At 4 m. 8 f. road from Poona (unimproved) joins on left. At 5 m. 8 f. Vaidhar's. At 5 m. 8 f. across the Karim's road. At 8 m. 8 f. across a large well. 100 yards wide. At 9 m. 8 f. crosses the creek. At 11 m. 1 f. Khairilal's. At 11 m. 1/2 f. Zanghar's bungalow. At 12 m. 1 f. Ganga. At 13 m. 4 f. Darga. At 15 m. 8 f. Ashikhar's, here commences the ascent. At 15 m. 8 f. Main.
		Total.....	17	43				





Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Paras.				
General Officer Commanding District of Dwarka and Mandla.	Political Agent at Rajpura.	Brought over		125 11	Road for 14 1/2 miles and crossing a good deal of sand.	No water over this.	Plentiful.	A walk from the Mandla river. At 8 m from Dwarka 100 ft on the river. Make a lock (in April) with water and supplies. (100 m from 145 m from Mandla) with and supplies made. At 10 m from Mandla road and well and no supply. At 11 m 4 1/2 ft on 10 m from Mandla river at the end of the stage.
		Dwarka	17 0	100 11				
		High opposite Dw.	1 0	140 11	Ditto.	Abundant.	Abundant.	Dwarka 400 and 500 houses, a Portuguese town, (100 ft) on the river. A wall between Dwarka and Mandla. At 8 m from Mandla a narrow canal built. Mandla 78 m from a well and on two stages. Dwarka is a strongly fortified Portuguese town. It is built on a hill and is surrounded by a wall and a ditch. The distance between Dwarka and Mandla is 100 miles. The road is a good one. The water is good. The supplies are good. The road is a good one. The water is good. The supplies are good.
		Total		120 11				
		18 March						

TABLE No 244

## FROM RAJKOTE TO DWARKA, BY KAMBALLIA.

GENERAL DISTRICT, W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Paras.				
General Officer Commanding District of Dwarka and Mandla.	Political Agent at Rajpura.	From Dwarka to Rajpura.	15 71	10 71	Road for 10 m and road (10 m) and road (10 m).	No water over this.	Plentiful.	A walk from the Mandla river. At 8 m from Dwarka 100 ft on the river. Make a lock (in April) with water and supplies. (100 m from 145 m from Mandla) with and supplies made. At 10 m from Mandla road and well and no supply. At 11 m 4 1/2 ft on 10 m from Mandla river at the end of the stage.
		Dwarka	15 71	10 71				
		Wadda	0 71	10 71	Ditto.	Abundant.	Abundant.	Dwarka 400 and 500 houses, a Portuguese town, (100 ft) on the river. A wall between Dwarka and Mandla. At 8 m from Mandla a narrow canal built. Mandla 78 m from a well and on two stages. Dwarka is a strongly fortified Portuguese town. It is built on a hill and is surrounded by a wall and a ditch. The distance between Dwarka and Mandla is 100 miles. The road is a good one. The water is good. The supplies are good. The road is a good one. The water is good. The supplies are good.
		Total		20 71				
		18 March						

General Officer Commanding Northern Division, Alameda

Authenticities		Stages of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Fathoms				
				Miles				
		Brought over			25	7 1/2		
		Abundant	10	8 1/2	35	8 1/2	Clear road, well kept	Abundant, river from 4 shops
		Very	10	3 1/2	47	0 1/2	Very bad road, difficult for cart, and wheel and hand	River and walls 3 shops
		Uy khano	12	8 1/2	60	4	Country cart road, and across	Abundant, river from 1 shop, 100 acres from Lalpur 6 m S W.
		Mala Ganga	12	8 1/2	72	1 1/2	Diffic	Walls None, green
		Therichala Naggar	11	7 1/2	85	1 1/2	Diffic	Abundant
		Carried over			88	1 1/2		

General Officer Commanding the Northern Division, Unmanned and

Refuge to Kharis, as follows --

Antelopes	Name of Stage	Distances	Road and Soil	Water	Supplies	Remarks
Military	Civil	Stage	Total			
		Miles	Perchages			
		Miles	Perchages			

TABLE No. 245

FROM RAJKOTE TO GOGO, BY SARDHAR, BABRA AND WURTAIZ.

GENERAL DIRECTION, SW

General Officer Commanding Armed Area Division, Ahmednagar

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles Percentage	Miles Percentage					
Political Agent at Rajkot.		From Chakrasani Gograh Rajkote to Kakra or Kachh	8 54	8 54	Charred road and black.	Abundant	8 shops	88 houses, encampment. At 1 m. 14/ / cross the Ajoa river bed sandy. At 8 m. 1/ / Tangle 50 houses, 1 shop.	
		Sardhar	7 54	17 54	Good made road	Thick and well	Abundant	A small walled town, encampment. W. near a large tank. At 2 m. 14/ / Tangle, 20 houses, 3 shops.	
		Chandani	11 54	29 54	Do.	Do.	Do. shops	40228 houses, encampment. At 2 m. 54/ / K. the main 88 houses. At 6 m. 14/ / Tangle 601 houses, 7 shops.	
		Kakra	8 54	37 54	Do.	Wells	Do.	118 houses on a low rocky hill with good and high surrounding ground. At 1 m. 71/ / across the Madhupore creek, banks high and rocky. At 2 m. 1/ / Adhok, 200 houses 23 shops. At 8 m. 54/ / Jangra, 181 houses, 3 shops.	
		Baria	10 54	48 54	Do.	Do.	Do.	140 houses and dharmshala, good but stony surrounding ground. At 2 m. 54/ / Unghad 140 houses, 3 shops. At 6 m. 4/ / Chakla 204 houses, 8 shops.	
		Deesa	16 54	64 54				Vide Table No. 144	
		Baria	8 54	73 54					
		Chandani	18 54	92 54					
		Wurtia	16 7	100 54				Vide Table No. 9 (1)	
		Gogo	18 7	118 54					
		Total		118 54					
		10 Marches							
		The route from Deesa to Wurtia by Baria is as follows —							
Political Agent at Rajkot.		To Deesa as above		71 41					
		Deesa	11 6	82 41	Good cart road, and black	Thick and well	18 shops	181 houses, encampment. At 2 m. 8/ / Lakherward 60 houses. At 7 m. 31/ / Bhote 120 houses 3 shops. At 8 m. 54/ / Gadhala, 50 houses, 3 shops. Cross the Bhagela river near Lakherward and the Gadhala between Bhote and Gadhala.	
		Baria	18 41	100 41	Do.	Ghassia river and well	Abundant	2778 houses a walled town, encampment. At 6 m. 14/ / Bandhara, 60 houses, 3 shops. At 6 m. 34/ / Amila 20 houses, 3 shops. At 7 m. 51/ / Jakra 21 houses 3 shops. At 8 m. 61/ / Bhogara 67 houses and cross the Ghassia river. At 10 m. 3/ / cross the Ghograya river to Baria 120 houses. At 11 m. 44/ / Wadwa, 21 houses. At 12 m. 1/ / across the Ghassia river bed sandy, banks very country on right bank.	
		Wurtia		118 41					
		Deesa		129 41					
		Baria		147 41					
		Chandani		166 41					
		Gogo		184 41					
		Total		184 41					
		10 Marches							

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles.	Percentage.					Miles.
General Officer Commanding Northern Division, Ahmedabad.	Political Agent at Rajpura.	Enroute over Wariyam		86	7	Mud road, soil black	Abundant	40 sheep	490 houses, Ahmednagar and Collector's bungalows on the Malabar river; camp W. of the bungalows. Alt 2 m. 7 1/2 m. from 40 houses. Alt 7 m. 21 1/2 m. from Ahmednagar 1 hour on left and over the Malabar river
		8	25	18	14				
	Collector at Ahmednagar	Wago		18	7 1/2	Dirt			See Table No 2 (1)
		Total			180				
			11 Marches						

TABLE No 246

## FROM RAJKOTE TO JAMNABAD BUNDER

GENERAL DIRECTION BY

Authorities		Names of Stages.	Distances.		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage.	Total						
			Miles Percentage	Miles Percentage						
General Officer Commanding Northern Division, Ahmedabad.	Political Agent at Rajpura.	Refugee to Dahan		8.10	2 1/2	Good road	Water from the the river, which never fails.	Molam's slope	Side Table No. 245	
		Barwan	8	0	11.5					2 1/2
		Ahmednagar 1	18	0			Good road, black, soil and difficult when wet.	3 wells, 2 good & 1 fairish		470 houses on the Malabar river
										A walled town with an oval-shaped boundary, a strong fort near the walls. At 4 m. distance 73 houses. At 9 m. distance, 180 houses.
		Total			18.0	1 1/2				
		12 Marches								

A water tower with an overhead tank, at camp X over the road. Alt 4 m. Dahan 78 houses. Alt 9 m. Waters, 120 houses.

TABLE No 247.

## FROM RAJKOTE TO JOONAGHUR, BY GOUNDULL

GENERAL DIRECTION, SW

General Officer Commanding Northern Division, Ahmedabad.

Antecedents		Number of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
			Stages		Total					
			Miles	Parkings	Miles	Parkings				
Military	Civil									
		From Goundull Church Rajkote to Rajkote	19	0	19	0	Mud road, and black and red	Wells	3 stops	128 houses, electrified and phone, on uncultivated ground SW near the electrified At 4 m 1/2 a well. At 8 m 1/2 Poles, 41 houses 3 stops At 13 m 2/3 Barbers Khand cross 2 large and 4 small wells in this stage Country open.
		Goundull B F	11	04	30	04	Doito	River and wells	Abundant	A walled town with travellers' bungalow, Post Office and Police Office. The residence of the Chief of Goundull and the Assistant Political Agent, good uncultivated ground near the travellers' bungalow At 4 m 41/2 a well At 7 m 21/2 Poles, 42 houses, 1 stop At 8 m 1/2 across the Bhadrav river (bridged) At 8 m 51/2 across the Magra river (bridged) At 10 m 5/2 a small well and temple At 11 m 1/2 across the Goundull river (bridged) At 11 m 11/2 road to the town on left At 11 m 41/2 road to the Political Agent's bungalow on right Country open.
		Yarpur	10	04	40	04	Doito	Wells	30 stops	21 houses, a uncultivated ground near the electrified At 41/2 road from the town goes on left At 3 m 12/2 Jalkar or Jara wade, 20 houses At 5 m 1/2 Chokola, 3 stops At 7 m 11/2 a shewer
		Jaspur, Travellers' bungalow B F	5	04	45	7	Doito	River and wells	Abundant	A walled town with electrified, Post office and travellers bungalow uncultivated ground near the bungalow on the bank of the Bhadrav river At 61/2 across the Bhadrav river, 20 yards wide, bank low, bed sandy At 4 m 41/2 Poles or Poles, 100 houses, 3 stops At 8 m 11/2 across the Bhadrav river 20 yards wide bed sandy and rocky, bank low, water during the rains At 8 m 21/2 road to Dhouspur bungalow off to the right, Cross 25 small and 1 large wells in this stage
		Chandur	8	04	53	11	Doito	Doito	30 stops	111 houses, uncultivated on the bank of the Chand river At 1 m 1/2 road from the town of Jaspur goes on left At 1 m 11/2 Jalkar, 150 houses, 3 stops At 8 m 41/2 across the Bhadrav river 20 yards wide, bed sandy Cross 1 large and 20 small wells in this stage.
		Joonaghar Chd. B F	9	04			Doito	Abundant	Abundant	A walled town with travellers bungalow and Post Office; the residence of a Chief At 2 m 21/2 Walled a small village At 4 m 1/2 Hala Pore's Dargah At 4 m 41/2 a well At 6 m across the Loh river 25 yards wide, bed sandy At 7 m 1/2 road to a bungalow in Jalar Bazar branches off to the left At 7 m 11/2 across the Hala-drak river 41 yards wide, Cross 3 large and 6 small wells in this stage
		Total 6 Mares			53	11				





TABLE No 249 (1)

## FROM RAJKOTE TO MALLIA, BY MORVIE

GENERAL DIRECTION, NW

Authority		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles.	Fathoms	Miles.	Fathoms				
General Officer Commanding Northern Division Ahmedabad	Political Agent in Kutch District of Rajkot	From Gandhinagar Chandh Rajkote to Gorwarthar	8	04	8	04	Good cart road during dry weather over black and red soil unsuitable in the rain.	Wells	9 stops	153 houses encamp N.E. At 7 1/2 / cross the Apsa river 271 yards wide At 8 m 3/4 / cross the Lalpore river, 183 yards wide had pretty delay of about 2 days after heavy rain. At 4 m 1 1/4 / Deyra Cross 18 miles in this stage
		Wardham	11	54	19	54	Do	Wells	6 stops	A large village encamp W At 3 1/2 / Ration poor 75 houses 3 stops At 4 m 8 / Jal 180 houses 9 stops At 7 m 4 / / cross the Dumra river 66 yards wide had really delay of 2 days after heavy rain At 7 m 8 1/2 / Kotra 40 houses 12 stops At 11 m 1 1/2 / cross the Laga or Khadra river 7 yards wide had muddy Cross 20 miles in this stage
		Thakura Gala	7	05	27	5	Do	Absent	Absent	A walled town encamp W At 3 m 4 / Jorwar 100 houses 1 stop At 7 m 2 1/2 / / cross the Dumra river 114 yards wide had muddy Cross 6 miles in this stage
		Morvie Kumbhagra Gala Y	13	8	38	7	Made road knagled.	Do	Do	A walled town of 444 houses on the N.E. bank of the Machow river Encamp E. or W At 4 m 6 / Large 143 houses At 6 m 2 / / Jorwar, 71 houses 3 stops At 8 m 4 1/2 / a house and well At 9 m 1 1/2 / Bumra 81 houses, 2 stops
		Darrah	13	05	51	7 1/2	Good cart road during dry weather over black and red soil unsuitable in the rain.	Machow river	5 stops	153 houses encamp W At 4 m 6 / are the Darra river 66 yards wide had muddy to Rajkot 40 houses 1 stop At 6 m 8 / Wardham 81 houses 3 stops At 11 m 1 1/2 / Bumra 87 houses, 1 stop Cross 16 miles in this stage
		Malla	8	45			Do	Absent	Absent	A large village on the W bank of the Machow river encamp NW near a tank At 5 m 4 / / Rajkot 25 houses At 4 m 8 1/2 / Jara Chabala 5 houses At 5 m 6 1/2 / Kumbhagra, a deserted village
		Total 6 Marches			61	4				

TABLE No. 249 (2)

## FROM RAJKOTE TO MALHA, BY WAWAKIA.

GENERAL DIRECTION, S W

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Maratha Division, Ahmedabad.	Political Agent at Rajkote	From Rajkote to Marwa Bhalak	10	24	20	7	10 to road, and mixed	Trunk and wells - 2 stages
		Wawakia	11	24	31	31	Malha	Defile
		Malha	11	78			Good cart road, and abundant water	Abundant
		Total			78	24		
		7 Mirocha						

Plate Table No. 249 (1)

A small village: clearing 500 At 3 = 1/2 Wawakia 100 houses 2 stages. At 5 = 4 1/2 Danda Bera of Rajkote, 140 houses, 3 stages, and a bungalow belonging to the Marwa Chief. At 7 = 7 1/2 across the Marwa river 70 yards wide, bed sandy.

321 houses: 2000 yards and 2000 yards. W near a tank. At 3 = 1/2 Wawakia, 120 houses, 3 stages. At 5 = 1/2 Danda Bera, 140 houses, 3 stages. At 7 = 7 1/2 across the Marwa river, 80 yards wide bed sandy. At 7 = 8 1/2 Malha, 2000 houses, 11 stages, 2 clearances.

A large village: clearing 500 near a tank. At 3 = 1/2 Wawakia, 100 houses, 2 stages. At 5 = 1/2 Danda Bera, 140 houses, 3 stages, 1 clearance. Cross 1 large well in the stage.

TABLE No. 250 (1)

## FROM RAJKOTE TO NOWANUGGUR, BY DHURBOLA.

GENERAL DIRECTION, W or N

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Maratha Division, Ahmedabad.	Political Agent at Rajkote	Rajkote to Dhurbola	10	24	20	7	10 to road, and mixed	Trunk and wells - 2 stages
		Dhurbola	11	24	31	31	Malha	Defile
		Malha	11	78			Good cart road, and abundant water	Abundant
General Officer Commanding Maratha Division, Ahmedabad.	Political Agent at Rajkote	Rajkote to Dhurbola	10	24	20	7	10 to road, and mixed	Trunk and wells - 2 stages
		Dhurbola	11	24	31	31	Malha	Defile
		Malha	11	78			Good cart road, and abundant water	Abundant
General Officer Commanding Maratha Division, Ahmedabad.	Political Agent at Rajkote	Rajkote to Dhurbola	10	24	20	7	10 to road, and mixed	Trunk and wells - 2 stages
		Dhurbola	11	24	31	31	Malha	Defile
		Malha	11	78			Good cart road, and abundant water	Abundant

Plate Table No. 250

A small village: clearing 500 At 3 = 1/2 Wawakia 100 houses 2 stages. At 5 = 4 1/2 Danda Bera of Rajkote, 140 houses, 3 stages, and a bungalow belonging to the Marwa Chief. At 7 = 7 1/2 across the Marwa river 70 yards wide, bed sandy. At 7 = 8 1/2 Malha, 2000 houses, 11 stages, 2 clearances.

Authority.	Name of Bridge.	Measure.				Road and Soil.	Water.	Supply.	Remarks.				
		Span.	Total.										
			Mt. ft.	Yds.	ft.								
General Officer Commanding Northern District, A. and N. Ind.	Chal.												
General Officer Commanding Northern District, A. and N. Ind.	Bridge over ...	1	1	13	1	Made of a & 1/2 inch bricks 1 - 11 inch and 1/2	Abundant	Abundant	7,510 houses, 10 diamarsahs, covering 315. At 2 1/2 f. cross the Tushkhar river, 12 yards wide, bed sandy, banks low. At 3 m. 11 f. cross the Ghatal river, 60 yards wide, bed sandy, banks low. At 8 m. 2 1/2 f. Diamarsah, 20 houses, 7 shops. At 8 m. 6 1/2 f. cross the Khare river by a paved causeway. At 7 m. 7 1/2 f. a Ghata built. At 8 m. 11 f. a large diamarsah and the end road from Rajpore joins on left. At 8 m. 7 1/2 f. cross the Nagpur or Ghagharwal river, 427 yards wide, bed sandy, banks low. Country open. Cross 2 large and 15 small mules in this stage.				
	Span ...	10	8	1	...								
	Total ...	...	...	22	7								
	4 Mules.												

TABLE No. 250. (2)

## FROM RAJKOTE TO NOWANUGGER, BY WUNTULLEE.

GENERAL DIRECTION, W. 71 N.

Authority.	Name of Bridge.	Measure.				Road and Soil.	Water.	Supply.	Remarks.
		Span.	Total.						
			Mt.	Yds.	ft.				
General Officer Commanding Northern District, A. and N. Ind.	Chal.								
General Officer Commanding Northern District, A. and N. Ind.	Bridge over ...	11	6	13	6	Good for mules, 10 diamarsahs, 25 shops, 100 houses, and 10 wells			224 houses, covering 315. At 8 m. 4 1/2 f. Rajpore, 11 houses, 1 shop. At 8 m. 11 f. cross the Khare river, 42 yards wide, bed sandy and rocky, banks low. At 8 m. 2 1/2 f. Wap, 70 houses. At 7 m. 8 1/2 f. cross the Khare river, 42 yards wide, bed sandy, banks low. At 8 m. 4 1/2 f. 10 houses, 20 shops, 2 shops. At 11 m. 5 1/2 f. Khare river, 427 yards wide, bed sandy, banks low. Country open with thin jungle. Cross 6 mules in this stage.
	Span ...	7	7	1	5	10 Mules			
	Total ...								
	10 Mules.								
General Officer Commanding Northern District, A. and N. Ind.	Bridge over ...	12	6	13	6	Good for mules, 10 diamarsahs, 25 shops, 100 houses, and 10 wells			224 houses, covering 315. At 8 m. 4 1/2 f. Rajpore, 11 houses, 1 shop. At 8 m. 11 f. cross the Khare river, 42 yards wide, bed sandy and rocky, banks low. At 8 m. 2 1/2 f. Wap, 70 houses. At 7 m. 8 1/2 f. cross the Khare river, 42 yards wide, bed sandy, banks low. At 8 m. 4 1/2 f. 10 houses, 20 shops, 2 shops. At 11 m. 5 1/2 f. Khare river, 427 yards wide, bed sandy, banks low. Country open with thin jungle. Cross 6 mules in this stage.
	Span ...	7	7	1	5	10 Mules			
	Total ...								
	10 Mules.								
General Officer Commanding Northern District, A. and N. Ind.	Bridge over ...	12	6	13	6	Good for mules, 10 diamarsahs, 25 shops, 100 houses, and 10 wells			224 houses, covering 315. At 8 m. 4 1/2 f. Rajpore, 11 houses, 1 shop. At 8 m. 11 f. cross the Khare river, 42 yards wide, bed sandy and rocky, banks low. At 8 m. 2 1/2 f. Wap, 70 houses. At 7 m. 8 1/2 f. cross the Khare river, 42 yards wide, bed sandy, banks low. At 8 m. 4 1/2 f. 10 houses, 20 shops, 2 shops. At 11 m. 5 1/2 f. Khare river, 427 yards wide, bed sandy, banks low. Country open with thin jungle. Cross 6 mules in this stage.
	Span ...	7	7	1	5	10 Mules			
	Total ...								
	10 Mules.								

Authorities		Number of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Per stage				
General Officer Commanding Madras Division, Alwarpet	Political Agent in Madras at Rajahmundry	Rajahmundry	7	3	88	11	Good fair weather	50 houses, mostly N.E. At 8 = 1/2 of Orissa or Chanda 44 houses, 1 stage. At 8 = 1/2 of Orissa the Rajahmundry river, 18 miles wide, but sandy banks low. Orissa 12 small villages in this stage.
		Bowling Green	9	11			Drift	Abundant
		Total			90	3		
		5 Kilometers						

Note.—Bowling Green (the part of Bowling Green) is 5 = 7/8 NW. A small village and fort on the edge of the Gulf of Kutch. The water is shallow here and boats of any size cannot come within a mile of the shore except at spring tides.

TABLE No. 251. (1)

## FROM RAJKOTE TO POORBUNDER, BY BHAYWUDDIE AND BURDA CHOWKIE.

ORIGINAL DISCOVERY, NW

Authorities		Number of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Per stage				
General Officer Commanding Madras Division, Alwarpet	Political Agent in Madras at Rajahmundry	Chandrapur, Chanda, Rajahmundry	19	3	18	3	Good, dirt road, and	50 houses, mostly N.E. At 8 = 1/2 of Orissa 44 houses, 1 stage. At 8 = 1/2 of Orissa the Rajahmundry river, 18 miles wide, but sandy banks low. Orissa 12 small villages in this stage.
		Bowling Green	18	11	27	11	Drift	Abundant
		Total	11	11	28	1	Drift	Abundant
		Carried over			28	1		

General Officer Commanding Northern Division, Abimbol

Political Agent at Kaituma, at Bagyola.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Perchages					
		Brought over			88	1			
		Ways, under, East Gate.	18	81	80	81	Good cart road, small river and wells blank.	Abundant	
		Dhank	8	71	80	24	Ditto	Trunk and wells	
		Khangwara, East Gate.	18	41	70	71	Good stony but not difficult for carts and blank.	River and wells	
		Barka Chavine	8	71	78	7	Ditto	River	
		Bamwara 1	10	71	80	81	Ditto	River and wells	
		Puchamara East Gate	10	1			Made road	Abundant	
		Total			100	71			
		9 Marches.							

TABLE No 251 (2)

FROM RAJKOTH TO POORBUNDER, BY DRAPPA

STANDARD INFORMATION BY AIR

Antelopes		Number of Sings	Distances		Road and Road	Water	Supply	Remarks
Military	Civil		Stage	Total				
			Miles	Feet				
		Chert (just Chert) Highly to Chert Sings	12	8	27	01		File Table No 251 (1)
			12	8	28	01		Good level and very good with some hills. May or 10 days river with the best weather and the first 10 days in the land.
		Washita	12	8	35	01		Good level and level to 8 miles, Chert washing, some low hills along with up by steep hills and some hills in the water.
		Keopow	11	0	61	00		Good road, but the river at Keopow and hills are difficult for cars.
		Washita	11	4	75	45		Good for 7 miles good and level then some hills and along for 4 miles, but not difficult.
		Washita	10	8	80	00		Good for 7 miles good and level then very rough and difficult to make for hills.
		The Fortlander	10	1				
		Total			308	00		
		8 March						

TABLE No 251. (3)

## FROM RAJKOTE TO POORBUNDER, BY MENGNEE AND KUNDOORNA.

GENERAL DIRECTION, SW to W

Authorities.		Source of Supply.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stages.	Total.						
Military.	Civil.		Miles.	Yards.						
General Officer Commanding Northern Districts (Bombay).	Police Officer at Rajkot.	From Rajkot to Pal.	8	0	4	0	Good, hard light soil.	Plentiful, from Naree river.	Moderate.	30 houses, occupying E or W. From Mawra at 4 : 30 houses water plentiful from rivulet, supplies scanty. Oost Naree river near Pal.
		Mengnee	0	0	17	0	Good, good, hard light soil.	Plentiful from river which never fails.	Plentiful.	180 houses, occupying W. At 4 : 30 from Mawra water from wells and supplies plentiful. At 8 : 30 in old Mangana river and wells, supplies scarce, 30 houses.
		Ambarde	12	0	23	0	Good, and varying at before.	From river Papal river fails.	Moderate.	20 houses; occupying W or E. back of river Koo, had very scanty. At 4 : 30 from Harroostah, 30 houses, water from river Matana which never fails, supplies plentiful. At 8 : 30 in Mangana, 180 houses supplies scarce, water from how SW of village.
		Kundoorna	18	0	23	0	Good, slightly black soil.	Good, from river and wells.	Plentiful.	A small well (town) 40 houses, occupying W. At 4 : 30 from Mangana, water from Papal river supplies scarce. Oost river near village. At 8 : 30 in Barroos 30 houses water from Barroos river never fails supplies moderate. Oost river S. of village not difficult.
		Jangacer	10	0	29	0	Good land soil, hilly in parts and varying at before.	From river Barroos river 1 of 10 large.	Plentiful.	120 houses occupying S. At 2 : 30 from Asah near a few houses, supplies scarce, water from a river falling rivulet. At 6 : 30 from Asah a few houses, water from pits in the bed of a rivulet S. of town; supplies scarce.
		Orphala	2	0	31	0	Good soil, roll generally black.	Plentiful, as in Mangana river, the are bad.	Plentiful.	100 houses, occupying S. At 2 : 30 from Asah near a few houses, supplies scarce, water from a river falling rivulet. At 6 : 30 from Asah a few houses, water from pits in the bed of a rivulet S. of town; supplies scarce.
		To Poorbunder	49	3						100 houses, occupying S. At 2 : 30 from Asah near a few houses, supplies scarce, water from a river falling rivulet. At 6 : 30 from Asah a few houses, water from pits in the bed of a rivulet S. of town; supplies scarce.
Total				100	3					
11 March.										

TABLE No. 253

FROM BUTNAGHERBY TO CHIPLOON, BY GOOHAGHUR

OF VERAL CONDITION. IN

Amusements		Names of Bridges	Distances		Road and Soil	Water	Vegetables	Remarks
Military	Civil		Stage	Total				
			Miles	Furlongs				
		From Collector's Office, Bangalore to Haver	10	0	10	0		
		Town	14	3/4	31	3/4		
		Bombay	18	7/8	30	7/8		
		Carried over			40	30		





TABLE No. 254  
FROM BUTNAGHERRY TO JYUGURH, BY MALGOOND.  
GENERAL DIRECTION, N

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Belugum District, Belugum	Collector at Butnagherry	From Butnagherry to Shastee Jyugurh, Part One.	14	51	Cheruvu road with a 2000 ft. across over all the small surface.		No shops	<p>From Table No. 253.</p> <p>226 houses. And and Poles station; across NW of fort. At Shastee across the Nerve creek, a ferry boat fordable at low water. At 1 m S/ Shastee Poles, 20 houses. At 5 m S/ Gumpetty Poles, 75 houses. At 8 m S/ S bank of Malgoond creek. At 8 m S/ X bank, a ferry boat, fordable at low water but rarely. At 6 m S/ Malgoond, 200 houses, 3 shops. Post office and Poles station. At 5 m S/ the river and bank. At 7 m S/ Shastee was and S bank of creek. At 7 m S/ N bank, a ferry boat, fordable at low water. At 7 m S/ Shastee was 125 houses. At 9 m S/ accurate record of Poles station. At 10 m S/ top of plateau. At 11 m S/ road in Chokkappa branches off to the right. From the N bank of the Nerve creek the road for 2 miles runs along the sea beach.</p>
		Total		24	51			
		N. Malgoond						

TABLE No. 255.  
FROM BUTNAGHERRY TO RAJAPPOOR.  
GENERAL DIRECTION, SE

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Belugum District, Belugum	Collector at Butnagherry	From Butnagherry to Rajapoor	10	4	Road and across the greater part of the way	River and wells water salt when the tide is in	No shops	<p>A struggling village of about 160 houses occupying ground near some temples. At 5/ part Belugum 26 houses with wells. The road near the village is very steep and there is a narrow footpath considerable to below cut. At 1 m across Kallada river, never fordable excepting at very low tide, but is crossed in boats. Road of considerable size comes up to the border. Then goes on way across of about 1 1/2 to Madan at 1 m S/ 20 houses on S bank of the river. At 2 m S/ There is a ditch and well and the area is 5 or 6 ft. and 8 m. At 3 m S/ There is a rather stiff paved descent of about 1 1/2 to length. At 4 m S/ across river to Gahy, 20 houses 3 shops and 6 temples for the use of travellers. At 10 m S/ across a well, and at 10 m S/ a river, number of a bank are fordable at 1/2 ft. water, water salt when the tide is in.</p>
				10	4			
		Correct way						

Authorities by "		Names of Bridges	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
General Officer Commanding Madras District Dated 11th Dec 1900	Civil	From the river to the bridge	10	1				
		From the river to the bridge	11	11				
		From the river to the bridge	12	1				
		To the river	11	1				
		Total	44	4				
		From the river to the bridge	10	1				
		From the river to the bridge	11	11				
		From the river to the bridge	12	1				
		To the river	11	1				
		Total	44	4				

Notes.—The river is the same as the river in the table No. 75 (1). The road is the same as the road in the table No. 75 (1). The water is the same as the water in the table No. 75 (1). The supplies are the same as the supplies in the table No. 75 (1). The remarks are the same as the remarks in the table No. 75 (1).

TABLE No 253.

## FROM RETNAGHERY TO SAWUNTWAREL, BY RAJAPOOR AND KUNKOWLED

GENERAL DIRECTIONS

Authorities		Names of Bridges	Distance		Road and Soil	Water	Supplies	Remarks
			Miles	Total				
Military	Civil		Miles	Furlongs				
General Officer Commanding Madras District	Civil	From Retnagherry to the bridge	0	41				
		From Retnagherry to the bridge	8	81				
		From Retnagherry to the bridge	9	4				
		From Retnagherry to the bridge	7	11				
		From Retnagherry to the bridge	15	8				
		From Retnagherry to the bridge	11	7				
		From Retnagherry to the bridge						
Table No. 75 (1)								

Authorities		Name of Stage	Distance		Road and Soil.	Water	Supplies	Remarks				
			Stage	Total								
Military	Civil		Miles	Percentage					Miles	Percentage		
General Officer Commanding Hyderabad District, Hyderabad	Collector of Hyderabad	By straight over		80	41	Little road	Wells and wells	A slope	This table No 11*			
		Karnala	10	24	79					93	This is a grass & good on both sides of the road. W. of the latter where there is a lot of good water	
		Karnala (see	15	8	88					14		This is a town residence of the Political Agent and has 1 quarter of the Government Local Corps travellers hospital. Post and Telegraph offices. At 5 P. M. 11 had good and sleep
		Karnala	8	8	96					95		
		Karnala	11	8	108					14		
		Alhambra	8	1	116					84		
		Alhambra	8	1								
		Alhambra	8	1								
		Alhambra	8	1								
		Alhambra	8	1								
Alhambra		8	1									
Alhambra		8	1									
Total				118	0							
12 Miles												

TABLE No 257

## FROM BUTNAGHERRY TO UNJUNWELL, BY GOOLAGHUR.

GENERAL DIRECTION 1.

Authorities		Name of Stage	Distance		Road and Soil.	Water	Supplies.	Remarks	
Military.	Civil		Miles.	Percentage.					Miles.
General Officer Commanding Hyderabad District, Hyderabad.	Collector of Butnagherry	From Butnagherry to Goolaghur	7	12	40	21	20 days	Fair Table No. 22 200 houses and a large Government station. ALT is 8000 acres a circle 110 yards - 1/2 Burkhala at low water. ALT is 8000 ft. 1/2 station a lot of water. ALT is 8000 ft. 1/2 station. ALT is 8000 ft. 1/2 to Wadhwa Bay for transport to the top ALT is 8000 ft. 1/2 Unimproved water	
		Total			47	41			
		4 Miles.							

# FROM SAMBALPUR ROAD STATION TO SAMBALPUR old LAWANGA AND SASUN.

GENERAL DIRECTION—SOUTH

Locality.	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
		Miles Furlongs	Miles Furlongs				
Gr. Cuts.							
	Sambalpur Road Station			Good, macadamized	Fountain	Fountain	Sambalpur Road Station or Jar Bagra. A small village, 130 houses, 21 shops, 10 wells. Police Station and new Tehsildar's Office under construction. Encamping ground is $\frac{1}{2}$ mile to S of Railway Station, and to the right of the Sambalpur Road.
	Lawanga	10	31	Ditto	Free tank	After water being given	A small village, 65 houses, 8 shops, 3 temples and one school. Police Station. Encamping ground near Police Station to the left of the road. At one mile from Lawanga, 50 houses about 3 furlongs to the left of the road. At one mile $\frac{1}{2}$ furlongs from Barhal, a village of 100 houses about 1 furlong to the right of the road. At 2 miles $\frac{1}{2}$ furlongs from Barhal, 5 houses to the left of the road about 2 furlongs off. At 3 miles $\frac{1}{2}$ furlongs cross a small creek for carts. At 4 miles 5 furlongs from Barhal to the right of the road about 3 furlongs off. At 5 miles 6 furlongs from a tank to the left of the road, where the tank is full water stands 3 feet deep on the road. At 4 miles 1 furlong from Barhal to the right of the road about 3 furlongs off. At 1 mile $\frac{1}{2}$ furlongs (700) a small creek for carts. At 4 miles 8 furlongs from a small 100 yards wide creek for carts. At 4 miles 8 furlongs from Barhal, 50 houses, 3 shops, 1 temple, water from Kuan River. At 5 miles 2 furlongs cross Kuan River 200 yards wide, fordable for carts but heavy load can easily cross. At 5 miles 2 furlongs from Jar Pak to the left of the road about 1 furlong. At 6 miles 2 furlongs cross a small creek for carts. At 7 miles 1 furlong from Tehsildar, 100 houses to the right of the road. At 7 miles 1 furlong cross a small creek for carts. At 8 miles 4 furlongs from Dahanu Chapal village to the left of the road about 1 furlong. At 8 miles 7 furlongs cross a small creek for carts.
Deputy Commissioner, Sambalpur	Baron	17	48	Good, macadamized and underdrained	Ditto	Ditto	A small village, 30 houses, 1 temple, 1 well, 1 shop and Police Station. Encamping ground to the south, on both sides of the road. At 6 furlongs cross a small creek for carts. At 1 mile 1 furlong from Jar Pak, 40 houses. At 1 mile 5 furlongs from a small 25 yards wide, creek for carts. At 2 miles 1 furlong from Jar Pak to the left and Chalk village, 10 houses on the right. At 2 miles 2 furlongs from Lawanga to the right of the road, 50 houses. At 3 miles 1 furlong cross a small 80 yards wide, fordable in rainy season, low after fall of rain. At 3 miles 2 furlongs cross Kuan River, fordable in rainy season, in dry season, and 5 hours after rain. At 4 miles 4 furlongs from Jar Pak 40 houses. At 5 miles 2 furlongs from a range of hills to the left of the road about 200 yards off. At 6 miles 5 furlongs from Kila Ganes, 50 houses, 1 shop, 1 temple. At 7 miles 2 furlongs from Chalk about 3 furlongs to the right of the road.

[illegible]



TABLE No 260

FROM SATTARA TO POONA, BY THE KAMATKEE GHAUT, SABUL KHIND, AND DEEWA GHAUT

GENERAL DESCRIPTION N

Authority of		Name of Stage	Distances		Road and Soil.	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Fathoms				
General Officer Commanding Poona Division, Poona.	Collector of District	Station to Bhatga	18	61	Mud road	--		} See Table No 240
		Talga	8	14				
		Pargana	6	41				
		Kakave	11	14				
		Pargana	10	3				
	Collector of Poona.	Station	8	41	Mud road, soil black.	Wells	1 shop	} See Table No. 21
		Station						
		Station						
		Station						
		Station						
	Collector of Poona	Station	8	41	Do	Unchanged	Abandoned	A small town on the left bank of the Karna river, an old palace on the right bank, and by the river a good market, and a large grove of trees. At 1 m. S. of Bhatga, by the station. Cross the Karna river to the east.
		Station						
		Station						
	Collector of Poona	Station	8	3	Do	Do		} See Table No 21
		Station						
	Total			11	81			
6 Miles								

TABLE No 261

FROM SATTARA TO POORUNDHUR, BY KIKWEE

GENERAL DESCRIPTION N

Authority		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Fathoms						
			Miles	Fathoms						
General Officer Commanding Poona Division	Collector of District	From Station to	18	61				} See Table No. 240.		
		Hamby							18	61
		Tala	8	14					26	7
		Pargana	6	41					32	47
		Kakave	11	14					43	61
									41	61
									41	61
									41	61
									41	61
									41	61



Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Towns Division, Towns.		Brought over.....	..	..	41	0		
		Forwards the Church near the lower Gato. P.	10	5	..	..		
		Total.....	..	..	51	5		
		5 Marches.			51	5		
		The following is the direct route:—						
		Station to Pargana.....	..	..	30	5		
		Station.....	8	5	40	0		
		Station.....	8	4	..	..		
		Total.....	..	..	10	1		
		5 Marches.			10	1		
General Officer Commanding Towns Division, Towns.		Station to Pargana.....	..	..	30	5		
		Station.....	8	5	40	0		
		Station.....	8	4	..	..		
		Total.....	..	..	10	1		
		5 Marches.			10	1		
		The following is the direct route:—						
		Station to Pargana.....	..	..	30	5		
		Station.....	8	5	40	0		
		Station.....	8	4	..	..		
		Total.....	..	..	10	1		
		5 Marches.			10	1		

TABLE No. 262. (1)

## FROM BATTARA TO BUTNAGHERRY, BY THE KOOMBARLKE GHAUT.

GENERAL DIRECTION, S.W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Towns Division, Towns.		Station to Uthul.....	12	5	12	5		
		Overpass.....	8	0	20	5		
		Malabar Pali.....	8	1	21	6		
		Paling.....	6	0	27	0		
		Delwank.....	13	5	40	5		
		Georgian.....	11	6	51	1		
		Durwan.....	7	7	58	8		
		Carried over.....	..	..	74	0		
		Station to Uthul.....	12	5	86	3		
		Overpass.....	8	0	94	3		
General Officer Commanding Towns Division, Towns.		Malabar Pali.....	8	1	102	4		
		Paling.....	6	0	108	4		
		Delwank.....	13	5	121	9		
		Georgian.....	11	6	132	5		
		Durwan.....	7	7	139	2		
		Carried over.....	..	..	146	4		
		Station to Uthul.....	12	5	158	9		
		Overpass.....	8	0	166	9		
		Malabar Pali.....	8	1	174	0		
		Paling.....	6	0	180	0		
General Officer Commanding Towns Division, Towns.		Delwank.....	13	5	193	5		
		Georgian.....	11	6	204	1		
		Durwan.....	7	7	211	8		
		Carried over.....	..	..	218	6		
		Station to Uthul.....	12	5	230	1		
		Overpass.....	8	0	238	1		
		Malabar Pali.....	8	1	246	2		
		Paling.....	6	0	252	2		
		Delwank.....	13	5	265	7		
		Georgian.....	11	6	276	3		
General Officer Commanding Towns Division, Towns.		Durwan.....	7	7	283	0		
		Carried over.....	..	..	290	0		
		Station to Uthul.....	12	5	302	5		
		Overpass.....	8	0	310	5		
		Malabar Pali.....	8	1	318	6		
		Paling.....	6	0	324	6		
		Delwank.....	13	5	337	1		
		Georgian.....	11	6	348	7		
		Durwan.....	7	7	355	4		
		Carried over.....	..	..	362	4		

Ambulance		Name of Hospital	Medicine				Band and Roll	Water	Supplies	Remarks
			Stages	Total	Stages	Total				
Military	Civil		Stages	Total	Stages	Total				
		Throught or		71	81					
		Arrives	8	81	81					
		Departure	18	3						
		Well and Return	10	8	2	71				
		Refueling Station	2	71	100	81				
		Total		118	81					
		11 March.								
The last civil road is as follows —										
		Medicine to Owners	21	81	21	81				
		Military Post	8	1	20	81				
		Chaplain	15	81	77	81				
		Refueling Station	80	81						
		Total		128	81					
		12 March.								

TABLE No 262 (2)

FROM SATTARA TO BUTNAGHERRY, BY THE MULLA GHAT

GEN. FRANK DON BRISCO

Authority		Name of Stage	Distance		Land and Soil	Water	Supply Water	Remarks
Military	Civil		Stage	Total				
			In this Furlongs	Miles Furlongs				
General Officer Commander of Forces D.V. from 1st	Collector of District	Return to Pabna Jail	15	1	85 64	1 mile road Good mule road to Kala akara, the land (range) and story the road a 1/2 cattle road.	to Akhera, from Akhera, well and mule shop	1/2 mile to Akhera (1) Akhera, crossing by ground 1/2 or 1/2. At 1 or 1/2 past Kala akara a few miles, and 1 or 1/2 cross the Kala akara, and land and mule on 1 or 1/2 crossed by boat in the "Majumdar's boat"
		Carried over			84 74			

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stages.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Bangalore District. Bangalore.	Civilian.	Continuation of Ratangherry.								
		Brought over.....	..	..	84	75				
		Karfaika .....	10	4	65	85	Rugged cattle road (the first half of the Mulla Ghaut is very steep and winding.	River and spring.	None	32 hours; crossing to the T., on the bank of the Mulla river. The ascent of the Mulla Ghaut commences 1 m. 7 f. from Mulla, and lasts for 3 miles to Pachavara, where, a few hills, with a tank and a well. At 7 m. 3 f. commences a descent of 7 f., and at 9 m. 3 f. crosses the Mulla river, 75 yards broad, and flows, and not affected by the tide at this point. Much jungle on this stage.
		Mangamabur P. ....	9	6	74	91	Rugged cattle road	Abundant, from wells.	Abundant	A large village on the junction of the Kereve and Mulla rivers, 102 houses, 3 dispensaries, Mulla's laboratory, police station, and post office, occupying ground W. At 4 m. 2 f. pass Pachavara, 50 houses. At 8 m. 3 f. pass a suburb of Mangamabur. The Mulla river has continued on the right the whole stage.
		Wandur .....	10	35	84	4	General road			Fide Table No. 100.
		Ratangherry .....	15	35	..	..	Ditto			
		Total .....	..	..	89	14				
9 Marches.										

There is another road from near Mulla by the South Tanna Ghaut, about 5 miles to the S. of Mulla Ghaut. The top of Panchabur is on the left, rising towards the bottom of the ghaut from Tanna. The ascent is exceedingly steep for two miles up a stream, like the rocky bed of a torrent. The top of the ghaut is about 5 miles from Tanna.

TABLE No. 262. (3)

## FROM SATTARA TO RUTNAGHERRY, BY THE (NORTH) TEWRA GHAT AND CHIPLOON.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stages.	Total.					
			Miles.	Furlongs.					
Military.	Civil.		Miles.	Furlongs.					
General Officer Commanding Western District, Mysore.	Collector of Bellary.	From Post Office at Bellary to Kaho-la .....	15	74	12	75	Grass road for 14 m. the rest a cattle track.	None	8 hours. At 3 m. 5 f. pass through a valley. At 3 m. 5 f. Pachavara, 50 houses. At 6 m. 11 f. Pachavara, 50 houses. At 8 m. 11 f. Pachavara, 50 houses and a tank. At 11 m. 3 f. cross the Kereve river, 125 yards wide. At 10 m. 3 f. N. of 60 houses. At 11 m. 3 f. cross the Mulla and commence ascent of the Kereve Ghaut. At 12 m. 3 f. top of Ghaut. At 13 m. 3 f. top of Ghaut.
		Chahla .....	10	8	22	41	Cattle track .....	None	30 hours. From Kereve are three stages of 7 f. At 3 m. 3 f. cross the Kereve river, 125 yards wide. At 4 m. 11 f. Pachavara, 50 houses. At 6 m. 11 f. Pachavara, 50 houses and a tank. At 8 m. 11 f. Pachavara, 50 houses and a tank. At 10 m. 3 f. cross the Kereve river, 125 yards wide. At 11 m. 3 f. cross the Mulla and commence ascent of the Kereve Ghaut. At 12 m. 3 f. top of Ghaut. At 13 m. 3 f. top of Ghaut.
		Carried over....	..	..	22	41			

Authorities		Name of Stage	Distances		Road and Soil.	Water	Supplies	REMARKS		
Military	Civil		Stage	Total						
			Miles Package	Miles Package						
General Officer Commanding Bangalore District, Bangalore.	Collector of Bangalore.	Reynolds river		38	4	Cattle trail.	River and wells.	None.	160 houses. Kumbur near a large tea plantation on the bank of the Town river. At 1/2 / top of Town plain. At 3 m 1/2 / Pinner near at the foot of the plain descent steep and across a large valley. At 1 m 1/2 / across Gungah valley, 18 yards wide. At 5 m 1/2 / Wagera. 31 m 1/2 / across a valley to Kumbur area 6 houses. At 7 m 1/2 / Kumbur area. At 8 m 1/2 / Gungah valley. At 8 m 1/2 / Kumbur area. Cattle trail and jungle.	
		Chikola	8	7	23					7
		Chikola	8	7	23					7
		the Kumbur valley	23	7						
		Total			96					8
9 Miles.										

TABLE No 263

FROM BATTARA TO SHOLAPOOR, BY MUSWUD AND FUNDERPOOR.

GENERAL DESCRIPTION, &amp;c

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	REMARKS		
			Stage	Total						
Military	Civil		Miles.	Package					Miles.	Package
General Officer Commanding From Battara, Mysore.	Collector of Battara.	From Post Office at Battara to Kumbur.	18	5	18	5	Made road for 3 m the road cleared and black.	Wells and wells.	7 shops and weekly market.	130 houses. 2 Kumbur, and 1 Kumbur's Kumbur, Kumbur ground. At 8 m Battara Kumbur 23 / near 5 shops. At 8 m 1/2 / cross the Kumbur river 17 1/2 yards wide bed sandy, banks easy to land during the rains. At 8 m 1/2 / Chikola Kumbur, 230 / near, 5 m 1/2 / cross a hillside. At 8 m 1/2 / Trampura 67 houses, 1 shop. At 8 m 1/2 / across Kumbur valley 20 yards wide bed sandy banks easy. At 8 m 1/2 / Kumbur 120 / near 5 shops. At 8 m 1/2 / across the Wagera river 140 yards wide bed sandy. At 10 m across the Wagera river, 63 yards wide bed sandy banks easy. At 10 m 1/2 / road down plain on left.
				10	8					

Authentic.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
M.Bary.	Chil.		Miles.	Perchages.				
General Office Communications from Division, Texas.								
Collector at Station.		Brought over.....	—	10	81			
		Tongue.....	10	81	12	81		
		Flange (Bluefork).....	18	11	33	0		
		Shaverd F.....	18	81	83	31		
		Feeder.....	13	81	96	8		
Collector at Stage house.		Shaverd.....	18	81	77	31		
		Feeder.....	13	7	91	81		
		To Michipew.....	89	21	—	—		
		Total.....	—	—	180	81		
		11 March.						
		Chenal road.....				Kalka and walk.....	3 days.....	280 houses, 8 Charvachas, crossing W. At 1/2 the chenai road to Madgaon branches off to the right. At 1 m. cross a well, 30 yards wide, bed sandy. At 8 m. 1 1/2 f. Kalkal wares, 30 houses. At 8 m. 6 1/2 f. Dharwad wares, 30 houses and extensive amount of Warkhampur glass, road made and very. At 7 m. 1 1/2 f. top of glass Warkhampur village and hill fort on left, 207 houses, 3 shops. At 7 m. 7 1/2 f. end of descent. At 18 m. 8 1/2 f. cross the Yach river, 141 yards wide, bed sandy, banks easy.
		Ditto.....				Ditto.....	Weekly house.....	10 houses and a Charvacha, crossing ground S. At 3 m. 1 f. Kalkal wares, 30 houses. At 6 m. 1 f. Warkhampur, 100 houses, 3 shops about 3 f. on left. At 6 m. 2 1/2 f. cross a well, 17 yards wide, bed rocky, banks easy. At 8 m. 8 1/2 f. extensive amount of Madhampur glass, the hill fort of Madhampur, on left. At 11 m. 1 f. end of glass. At 18 m. 8 1/2 f. cross a well, 31 yards wide, bed sandy, banks easy.
		Ditto.....				Ditto.....	Abundant, weekly house.....	A large village, 1341 houses, 8 Charvachas, dispensary, crossing S. At 1 1/2 f. cross a well, 20 yards wide, bed sandy, banks easy. At 4 m. 8 f. Dharwad, 280 houses, 3 shops. At 8 m. 1 1/2 f. cross a well, 17 yards wide, bed rocky, banks easy. At 8 m. 1 1/2 f. cross Dharwad well, 30 yards wide, bed rocky. At 8 m. 8 1/2 f. Dharwad (well), 108 houses, 3 shops, and a Charvacha. At 8 m. 7 1/2 f. cross a well, 17 yards wide, bed sandy. At 8 m. 7 1/2 f. cross Karky Well, 31 yards wide, bed rocky and sandy. At 10 m. 8 1/2 f. cross a well, 14 yards wide. At 11 m. 8 1/2 f. a Charvacha and well. At 15 m. 8 1/2 f. reverse the Karky well, 30 yards wide, bed sandy. At 17 m. 8 1/2 f. a Charvacha, and cross the Dharwad river, 190 yards wide, bed sandy.
		Ditto.....				Abundant.....	15 shops, weekly house.....	200 houses, Charvachas, and a small well built fort, crossing W. or S. At 4 1/2 f. cross a well, 35 yards wide, bed sandy. At 8 m. 1 1/2 f. cross Dharwad well, 23 yards wide, bed sandy. At 4 m. 8 1/2 f. Dharwad, 28 houses. At 8 m. 8 1/2 f. extensive amount of Kolharwad glass. At 7 m. 7 1/2 f. a close line. At 8 m. 8 1/2 f. end of glass.
		Ditto.....				Ditto.....	30 shops.....	A large village surrounded by a kalka wall, 250 houses, crossing W. At 8 m. 2 1/2 f. a well. At 8 m. 1 1/2 f. Dharwad wares, 230 houses, 3 shops. At 8 m. 1 1/2 f. cross a well, 15 yards wide.
		Ditto.....				Ditto.....	Abundant.....	A large town on the right bank of the Theon river with numerous temples and Charvachas. Medical dispensary, travellers' bungalow, and Post office, good surrounding ground on the banks of the river. At 4 m. 1 1/2 f. cross Karkal well, 118 yards wide, bed sandy. At 8 m. 8 f. Dharwad, 203 houses. At 10 m. 1 1/2 f. road from Madhampur on left. At 18 m. 8 f. Warkhampur a walled village, 184 houses, 3 shops, and cross the Purying well, 30 yards wide, bed sandy.
								File Table No. 121. (1)

TABLE No 264

## FROM SHOLAPOOR TO AKULKOTM.

GENERAL DIRECTION 80

Authenticity		Name of Stage	Distance		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles Fathoms	Miles Fathoms				
General Officer Commanding Front Division, Poona	Collector at Sholapur	Sholapur Fort to Chandrabhawan (Dist. b)	12	0	Clear road	8 wells	1 step	A small village 1 mile for 4 1/2 fathoms the town of 20 houses, and at 7 m. 2 1/2 fathoms a small village, and at 8 miles to Chandrabhawan, at 10 m. 2 1/2 fathoms.
		Akalkota	11	0				
		Total		24				
		3 Mijunas						
General Officer Commanding Front Division, Poona	Collector at Sholapur	Sholapur Fort to Chandrabhawan (Dist. b)	12	0	Clear road	8 wells	1 step	A small village 1 mile for 4 1/2 fathoms the town of 20 houses, and at 7 m. 2 1/2 fathoms a small village, and at 8 miles to Chandrabhawan, at 10 m. 2 1/2 fathoms.
		Akalkota	11	0				
		Total		24				
		3 Mijunas						

TABLE No 265 (1)

## FROM SHOLAPOOR TO BELLARY, BY INDEE, MOODHEBHAI, AND TUNGURGED

GENERAL DIRECTION 80

Authenticity		Name of Stage	Distance		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles Fathoms	Miles Fathoms				
General Officer Commanding Front Division, Poona	Collector at Sholapur	From B) Chandrabhawan Cable to W. and L.	10	3	Clear road	Acacia tree	Cattle	Small village of about 100 houses on the bank of the river. The river flows from the north to the south. The river is 100 yards wide at the mouth of the stage, 100 yards wide at the mouth of the stage, 100 yards wide at the mouth of the stage. There is a small tank at the mouth of the stage.
		Indee	6	4				
		Total		16				
		Sholapur	6	4				
General Officer Commanding Front Division, Poona	Collector at Sholapur	Sholapur	6	4	Clear road	Acacia tree	Cattle	Small village of about 100 houses on the bank of the river. The river flows from the north to the south. The river is 100 yards wide at the mouth of the stage, 100 yards wide at the mouth of the stage, 100 yards wide at the mouth of the stage. There is a small tank at the mouth of the stage.
		Indee	6	4				
		Total		16				
		Sholapur	6	4				

Administration		Number of Stages	Distances		Road and Rail	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Footings				
General Officer Commanding Hyderabad District Hyderabad		Brought over:		30 04				
		Iskhan P	11 8	87 84	Marred cart road	Wells and wells	None	200 houses and a flourmill on camp NW At 4 m 84/ across a well 30 yards wide At 4 m 89/ Balakuruppa 80 houses. At 10 m 8/ across a well, 40 yards wide. At 11 m 41/ across another well 120 yards wide but nearly broke nearly Country open and cultivated.
		Tambhat	12 74	80 41	Ditto	Ditto	87 shops	414 houses; on camp N At 8 m 24/ Rongee 200 houses and across a well 48 yards wide At 10 m 8/ across a well 83 yards wide At 12 m 84/ across a well 144 yards wide. Country open and cultivated.
		Hingurpa P	13 84	64 3	Ditto	Ditto	None	720 houses on camp NW At 3 m 31/ across a well 44 yards wide. At 3 m 84/ Chota Rongee 260 houses At 4 m 84/ across a well 36 yards wide At 5 m 81/ Kura Inland 80 houses. At 10 m 41/ Inland Alwar 80 houses At 12 m 8/ across a well, 48 yards wide
		Dudhwar	10 74	76 14	Ditto	Ditto	3 shops	124 houses on camp D At 4 1/2/ across a well 64 yards wide At 5 m 81/ across the Dam over 72 yards wide breaks nearly At 5 m 84/ Marhal 125 houses. At 10 m 14/ Canal 20 houses
		Harurappa	16 84	81 4	Marred road	Wells	8 shops	220 houses on camp N At 7 m 84/ Rongee Hingurpa 80 houses 8 shops water from tank and wells At 7 m 4/ across a well 36 yards wide At 10 m 8/ Inland and across a well 60 yards wide to Jayurappa.
		Tangurpa	16 84	107 31	Ditto	Artificial river	10 shops	186 houses on the N bank of the Krishna river on camp NW At 4 m 84/ Inland houses. At 5 m 7/ Keshababhai a large village, 271 houses 18 shops 8 flourmills and Post office At 6 m 1/ Mao-dahat At 10 m 41/ Telikurpa 13 houses
General Officer Commanding Hyderabad District Hyderabad		Deodahat	18 8	180 73	Country cart road	Ditto	None	80 houses on the S bank of the Krishna on camp N At 9 1/2/ across the Krishna river, 420 yards wide, but very rocky lands possible when rope run At 11 m 0/ Inland 80 houses 6 shops and a flourmill At 4 m 81/ Top 80 houses At 4 m 4/ Inland 80 houses, 4 shops At 8 m 4/ Harurappa 80 houses 4 shops At 7 m 7/ Karyapur 25 houses At 8 m 7/ Annapurna 17 houses At 9 m 8/ Inland 18 houses. At 10 m 81/ across a well, 810 yards wide but nearly dry of some hours after heavy rain. At 11 m 1/ Annapurna, 84 houses 2 shops At 11 m 84/ Inland
		Iskhanpalli	9 1	180 08	Red black road had a nearly river and well water			On the Moory river on camp ground high and good 5 of village also 1) is 3 of 4 across a well, country cultivated so 1 block At 11 m 8/ near Balakuruppa at 3 m 8/ Balakuruppa at 3 m 8/ across a well and 4 m 41/ Rongee to right on a rivulet at 5 m 8/ Only 100 m at 8 m 3/ Inland 200 yards across a well to the Moory river, which across at 8 m
		Machanur	13 1	148 14	Ditto	Always possible from the Moory river or by dragging on the bed		On the Moory river; on camp ground open and good, to the S and on the bank of the river across 3 miles to Chotko at 5 m 8/ across a well at 4 m 7/ and pure Canal had, a large village at 7 m across the Moory river at 11 m 84/ Country overgrown with jungle and long grass
		Current river		148 14				
General Officer Commanding Hyderabad District Hyderabad		Deodahat	18 8	180 73	Country cart road	Ditto	None	80 houses on the S bank of the Krishna on camp N At 9 1/2/ across the Krishna river, 420 yards wide, but very rocky lands possible when rope run At 11 m 0/ Inland 80 houses 6 shops and a flourmill At 4 m 81/ Top 80 houses At 4 m 4/ Inland 80 houses, 4 shops At 8 m 4/ Harurappa 80 houses 4 shops At 7 m 7/ Karyapur 25 houses At 8 m 7/ Annapurna 17 houses At 9 m 8/ Inland 18 houses. At 10 m 81/ across a well, 810 yards wide but nearly dry of some hours after heavy rain. At 11 m 1/ Annapurna, 84 houses 2 shops At 11 m 84/ Inland
		Iskhanpalli	9 1	180 08	Red black road had a nearly river and well water			On the Moory river on camp ground high and good 5 of village also 1) is 3 of 4 across a well, country cultivated so 1 block At 11 m 8/ near Balakuruppa at 3 m 8/ Balakuruppa at 3 m 8/ across a well and 4 m 41/ Rongee to right on a rivulet at 5 m 8/ Only 100 m at 8 m 3/ Inland 200 yards across a well to the Moory river, which across at 8 m
		Machanur	13 1	148 14	Ditto	Always possible from the Moory river or by dragging on the bed		On the Moory river; on camp ground open and good, to the S and on the bank of the river across 3 miles to Chotko at 5 m 8/ across a well at 4 m 7/ and pure Canal had, a large village at 7 m across the Moory river at 11 m 84/ Country overgrown with jungle and long grass
		Current river		148 14				

Agitation		Number of Hinges	Mileage				Road and Soil	Water	Supply	Remarks
			Stage		Total					
Military	Civil		Miles	Per-hinge	Miles	Per-hinge				
MAMLAT PANCHAYAT Office Commanding Hyderabad Police Headquarters	Brought over	Theraplay	11	3	121 1/2		Bad varying road and hills in wet weather		Abundant	A largely large village, surrounding ground on sand to 1 1/2, but high dry, and open, half mile to 1 1/2 M; cross two miles to the subpost a large village at 4 m 4 f Pass 1 subpost at 5 m 5 f; cross a creek at 12 m 2 1/2 f to Thakpore, cross another creek at 10 m 5 f; country generally open with some cultivation
		Intensity	9	4	161 1/2		Generally bad and very rough from stone to red and black	Very bad, from a creek	None	Small village, surrounding ground open and good to the 1/2, cross 1 mile to the North river at 5 m 5 f; pass Poon at 6 m. From Thakpore to Poon the country is jungle and hilly, open from low jungle.
		Thakpore	13	6	178 1/2		Very bad	From North river		Surrounding ground 1/2 of village dry and good; at 3 m 5 f cross a river to Bhangpore at 5 m 5 f; pass Chaytan a large village at 10 m 4 f; North at 11 m 2 f Thakpore; and at 12 m 5 f cross the North river; country wild and jungle
		Intensity	10	8	181 1/2		Bad varying from black and red	From Bhangpore		Surrounding ground on black soil, confined to the 1/2, at 3 m 7 f; see Bhangpore at 5 m 5 f; Chaytan, at 5 m 5 f; cross the North river; at 5 m 7 f Bhangpore; cross two miles to Bhangpore a large village at 8 m 7 f; and across the Tumbhurna river by boat to Hathali country high and open, and partly a square with jungle
		Jowk	9	4	139 1/2		Bad at the beginning, hills good at the end, still black	Hills and a mile		Thakpore ground high and dry to the 1/2; cross a rocky mile at 1 m 1 f; and pass Thakpore at 6 m 1 f; cross a dry mile at 8 m; black soil.
		Intensity	10	1	101 1/2		Bad over black soil		None	A traveller's bungalow, surrounding ground high and dry to the 1/2 on black soil. Cross a large mile from Jowk and two small miles to a deep one at 3 m 7 f. Pass Thakpore at 5 m 5 f; country open.
MAMLAT PANCHAYAT Office Commanding Ceded Districts, Bellary	Bellary (Part) D F F		11	3			Black road	Abundant	Abundant	A civil and military station. Cross 2 miles to Thakpore at 8 m; and 6 more to Al- thakpore, at 7 m 2 f; cross a mile at 9 m 2 f.
		Total 19 Hinges.			512 1/2					







Authority		Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil	Stages	Total				
		Miles	Yards				
	Traight over		100 31				
	Wingard	8 0	181 31	Good, over black soil	Abundant	Medicinals	A village on the Gokary river, which is fertile here 8 months, with 8 loads in the water; first stage, with strong currents in December; over the Kikopara or Kikopara river from Gokary, 20 1/2 miles to Shuk, where there is good country, ground, 750 yards N of the village country level and cultivated
	Its saguon	10 0	111 31	Road very bad in the River		None	180 houses At 3 1/2 f / Mangalla At 6 1/2 f / Gola At 8 1/2 f / Kankalagan, over the Gollado river at the end of the stage; country is better
	Harber (A Gola)	8 1	100 31	Fair	16 inches, from abundant water		1,000 houses, occupying good soil in all directions Over a mile to Harpor at 4 1/2 f / At 5 1/2 f / Koyegann
	Prevalence	8 2	126 31	Good, over black soil	Pretty good, from 100 yards N of village, and 1/2 way down in the bed of the river		20 houses, occupying good tolerable 100 yards N of village, and 1/2 way down in the bed of the river At 3 1/2 f / Gola At 5 1/2 f / Kankalagan, over the Gollado river at the end of the stage; country level
	Just a (Port) B P	8 1		Good soil, various black, grey, and red	Good, from a mile	Abundant	A town and settlement; occupying good soil, and good N of the settlement At 4 f / Gola At 4 f / was the Doodin river At 7 1/2 f / Gola At 3 1/2 f / Underwater, over 2 miles to Induravady at 5 1/2 f / over 2 miles and pass through part of the town country generally level a few hills on approaching Indur.
	Total		107 31				
	10 Marries						

TABLE No 267.  
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FROM SHOLAPOOR TO MUMINABAD, BY TOOLJAPPOOR  
CENTRAL DEPARTMENT, N. E. R.

[illegible]

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Foot-paths	Miles Foot-paths				
MADRAS PROVINCIAL OFFICER Commanding Hyderabad Subdivisions Force - Secunderabad		Brought over		29 31				
		Secunderabad	11 4	20 71	Unimproved road 1 block on 1 of easy soil, no all gravel, long stretches for carts	Wells and wells	Barrenly	A small village, ground NW At 3 m. Barren At 5 m. Top of a small plain of 1 f. ascent At 3 m. S. of Barren At 7 m. 1 f. of Barren At 8 m. 4 f. of Barren At 10 m. 1 f. of Barren Country barren for 6 miles the Green, best
		Star	11 4	31 84	Good road in dry weather on a level ground and black soil, occasionally stony	Thames river	Abundant, 16 A large village, ground N. At 1 m. High-ramp. At 3 m. S. of Barren At 5 m. S. of Barren At 7 m. 1 f. of Barren At 8 m. 4 f. of Barren At 10 m. 1 f. of Barren Country flat and open	
		Yagapur	12 4	43 76	Good road in dry weather, over level ground and black soil, occasionally stony	River	Barrenly 1	1201 water, ground N. At 3 m. 4 f. of Barren the Thiruv river to be reached by 1/4 m. 4 f. of Barren a small to Patal At 8 m. 1 f. of Barren At 11 m. 7 f. of Barren Country open and cultivated
		Chinnara	10 0	74 86	Ditto	Wells	Ditto	207 water At 3 m. S. of Barren At 4 m. Barren At 5 m. S. of Barren the Thiruv river to be reached by 1/4 m. 4 f. of Barren At 8 m. 1 f. of Barren At 11 m. 7 f. of Barren Country open and cultivated
		Mamandur, or An- kappa (8 gals of water) B.P.	11 3		Ditto	Abundant, wells	from abundant	A large plain and a heavy stream of the Thiruv At 1 m. 7 f. of Barren the Thiruv river to be reached by 1/4 m. 4 f. of Barren At 3 m. S. of Barren At 5 m. S. of Barren At 7 m. 1 f. of Barren At 8 m. 4 f. of Barren At 10 m. 1 f. of Barren Country flat
		Total 7 Marches		83 71				

TABLE No. 268

## FROM SHOLAPOOR TO SECUNDERABAD, BY NULDEROOG AND HONNABAD.

GENERAL DESCRIPTION, 1.

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Foot-paths	Miles Foot-paths				
MADRAS PROVINCIAL OFFICER Commanding Hyderabad Subdivisions Force - Secunderabad		Sholapur Fort	14 8	14 8	Good road	Good, from wells	Modest	180 houses, good surrounding ground At 3 m. 4 f. of Barren At 5 m. 1 f. of Barren country level cultivated plain
		Honnabad	14 8	28 4	Ditto	From river	Abundant	1,000 houses and 1,000 acres of irrigated ground good, but stony; the best is in a narrow loop near the Honnabad Cross the Honnabad river and 8 miles to Secunderabad At 4 m. 3 f. of Barren the Honnabad river to be reached by 1/4 m. 4 f. of Barren
		Secunderabad		28 4				
		Secunderabad		28 4				

Administration		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Ministry	Civil		Miles	Per stage	Miles	Per stage		
		Brought over		20	4			
		Dabara B	13	4	42	0		100 houses and travellers' bungalow. Good high and good. Pass at 4 = 2 f. Jalandhar at 6 = 5 f. Dargah at 8 = 3 f. Dargah at 11 = 4 f. and deep in the city.
		Thamara B	14	0	57	0	Debit	Travellers' bungalow. Good ground. At 4 = 1 f. Yala; across a large well to Jalandhar at 6 = 2 f. across a well to Dargah at 10 = 3 f. at 12 = 4 f. Dargah.
		Mirzala B	11	6	68	6	Debit	Village with bungalow. At 4 = 6 f. Jalandhar.
		Bayanar	13	4	81	2	Debit	220 houses.
		Haramahad B	8	4	89	6	Good soil and red and brown soils. W. somewhat rocky.	A Hindu town large fortified and is very good order situated on a slight eminence. Travellers' bungalow. Good W. of the place high and on red rocky soil shaded with mango trees. Cross 2 miles to Mole in one (1 m. right) at 3 = 3 f. At 4 = 3 f. Jalandhar and cross one mile to Haramahad. Country gradually ascending.
		Kangrahalas B	13	8	102	8	Good scale road.	100 houses and travellers' bungalow. Good rocky. The Country flat NW by N is best. A fine view from the village. Country well cultivated. Pass Haramahad at 3 = 3 f. cross 4 miles to Dargah at 8 = 3 f. 4 more miles to Kangrahalas at 10 = 7 f.
		Chamrupally B	13	6	114	0	Debit	100 houses and bungalow. Good NW good high and on red soil. Country open. Pass Chota Yalasia at 4 = 3 f. Cross 2 miles to Haramahad at 6 = 4 f. Cross a well to Dargah at 10 = 7 f.
		Bara Yalasia B	8	8	122	8	From wells and good stream.	Large town with bungalow. Good soil and are good NW. Cross 2 miles to Dargah; run at 2 = 7 f. and 3 miles to the end of the stage.
		Dargah	7	4	129	7	From well and one very large well for water on outside.	180 houses. Country open and highly cultivated. Cross 2 miles to Kangrahalas at 3 = 3 f. At 4 = 3 f. Dargah and cross 2 miles to Dargah.
		Omgaia B	7	4	136	8	Subsistence and water from wells and wells.	70 houses and bungalow. Pass Chabala at 3 = 3 f. Dargah at 5 = 7 f. Cross one mile to Kangrahalas at 6 = 6 f.
		Kashanpattik B.P.	11	6	147	0	Abundant, from numerous tanks.	Large town with travellers' bungalow. Good and extensive ground between bungalow and town. Country open. Pass Moha-wara at 3 = 3 f. across 2 miles to Dargah at 5 = 3 f. across 2 miles to Dargah at 7 = 3 f. and one mile to Kashanpattik. Road strikes off from this to Jalandhar.
		Kandee B	11	8	158	8	From tanks.	200 houses and bungalow. Good ground NW. Country open and covered with date trees. At 3 = 4 f. from Kashanpattik. Cross 2 miles to Kashanpattik at 5 = 3 f. and 2 miles to Kandee.
		Current over		151	3			

Muzila Prasthant  
 Off and Commissioning Hyderabad, Nore, Hyderabad

Authentic		Name of Straps	Distance		Road and Soil	Water	Supplies	Remarks
			Days	Yards				
Military	Civil		Miles	Package	Miles	Package		
KUALA PERANGKAT Office Communicating Hyderabad and Kuala Lumpur		Brought over			151	8		
		Pattinabero	12	3	278	5	Good made road	Abundant, from a Good land near the ground.
		Central Supply	19	0	15	5	Ditto	Along road, from a hillside about 200 yards from the ground.
		Reconnaissance Area	8	2			Ditto	Unfenced
		Total			151	7		
		17 March						

**From Endowment to Reinvested by 1981 is \$14 million**

TABLE No. 269.

FROM SHIKARPOOR TO HUSSAIN KHAN GURTHE

GENERAL DIRECTION, IRE

[illegible]

TABLE No. 270  
FROM SHIKARPOOR TO KHYRA GURHWA.  
GENERAL DIRECTION, NW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Paras	Miles	Paras		
General Officer Commanding His District, Arrived at	Collector at Shikarpoor	From Shikarpoor to Khyra Gurhwa	10	0	10	0		10 houses, occupying 10. At 1 m. 4/7, cross a road from the town to Jambhwal. At 1 m. 8/7, one from the town to Jambhwal. At 1 m. 5/7, a rocky wall. At 2 m. 5/7, Road 46 houses, 1 shop, 8 wells. At 4 m. 5/7, Kh. Jambhwal, 40 houses, 1 shop, 2 wells. At 5 m. 3/7, Khambhwal, 80 houses, 2 shops, 4 wells. At 7 m. 8/7, Jambhwal, 20 houses, 2 shops. At 7 m. 7/7, a road from Gurhwa. Jambhwal, 20 houses. At 8 m. 6/7, pass a post: wall. At 8 m. 5/7, cross a cleared road from Gurhwa to Jambhwal.
		Chavari	12	0	22	0		Shikarpur N. At 15/7, pass near Akala Kh. 18 houses. At 1 m. 2/7, a rocky wall. At 2 m. 2/7, Bhabhar, 4/7, wall. At 2 m. 2/7, Pass 4/7, right. At 3 m. 2/7, a kitchen wall and 2 huts. At 12 m. cross the cleared road from Gurhwa to Jambhwal.
		Shikar La. Hydrabad (new)	8	41	30	41	5 shops	100 houses, occupying 10. At 7 m. 1/7, Chavari. At 7 m. 8/7, a wall. Country largely and nearly the 7 miles then open and cultivated.
		Khyra Gurhwa	17	81			5 shops	125 houses, occupying 10. At 8 m. 7/7, pass 8 huts. At 12 m. 1/7, a cleared road from Gurhwa, pass on left and cross the Bhabhar river canal by a wooden bridge. At 12 m. 4/7, road from Shikarpur to Gurhwa on left and a bridge, further on the cleared road to Jambhwal, cross off to the right.
		Total 4 March		41	21			

TABLE No. 271  
FROM SHIKARPOOR TO KUNDKOTE, BY MEERPOOL.  
GENERAL DIRECTION, SE

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Paras	Miles	Paras		
General Officer Commanding His District, Arrived at Meerpool								

TABLE No. 272

## FROM SHIKARPOOR TO KUMHORE

GENERAL DIRECTIONS, &amp;c

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Fathoms	Miles Fathoms				
General Officer Commanding Madras District Kurnool	Collector at Shikarpoor	Shikarpoor to Kham- poor	0 01	0 02	Road marked small well		10 shops	Moderate village with small road but in valley
		Moonstone	12 01	12 11	As above 2 wells	From a dam	1 shop	A small village village on the bank of the Gh. river a dam 1/2 m. from the Indian. In 3 or 4 f. across the channel the Indian to meet Mahomed Begum's
	To General Officer Commanding at Kurnool General Officer Commanding at Kurnool General Officer Commanding at Kurnool	Ghansapur	12 04	24 15	Good and cleared thru gh. dense jungle of thick bushes & of roads	well 80 feet deep well 8 feet water	10 shops	Small village, occupies all Gh. Gh. Gh. dam at Moonstone by a dam 100 yards long with nearly level bottom lower down the water is very deep. At 8 m. S. f. across Begum's well bridged, 10 yards long
		Kyath	7 02	31 0	As above, through thick roads and thorny thicket		8 shops	Small village with small road but across NW. At 8 m. W. on right bank of Gh. Gh. is 4 m. north of Gh. Gh.
		Thakur	17 31	48 31	Good well light roads thru gh. dense jungle of thick bushes & of roads	well 10 feet deep well 8 feet water	11 shops	A small village on the right bank of the Indian, occupying ground open S. At 11 m. a small dam. At 13 m. Gh. Gh. Gh. Mahomed.
		Kumhore P. T.	12 34		As above	From 2 wells and from river in d. which is about 2 f. from the town.	Uncultivated large for cattle and horse pro- curable	Small town. An outpost of the Gh. Gh. Gh. occupies all. The old town was washed away by the Gh. Gh. in 1857. Gh. Gh. Gh. about 1/2 m. from. At 9 a cross the Gh. Gh. Gh. Gh. to Gh. Gh. Gh. The Indian is about 3 m. south
		Total		68 51				
		8 Miles						



TABLE No 273.

## FROM SHIKARPOOR TO ROJAN.

GENERAL DIRECTION, N W

Administration.		Name of Stage	Distance.		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles Per stage.	Miles Total						
General Officer Commanding Beas District, Ferozepore	Collector of Ferozepore	From Shikarpoor to Rojan	18	2	18	2		Good and level, through thick jungle small bridge	Some good bush and five houses and wells.	Scarcely, but a small village, occupying ground NW corner quite level, and covered with jungle. At 1 m 21 f road to Jalandhar branches off to the right. At 2 m 41 f a wall At 3 m 41 f Indra W houses 1 shop. At 5 m 0 f a wall At 6 m 11 f Dabhi, 1 f left 8 houses At 10 m 7 f Uchal 20 houses, 1 shop
		Karnah	11	6	29	8		Good, over a level and wooded country across a shallow rail cut	Four good built wells, one in the fort.	At 1 m 21 f road to Jalandhar branches off to the right. At 2 m 41 f a wall At 3 m 41 f Indra W houses 1 shop. At 5 m 0 f a wall At 6 m 11 f Dabhi, 1 f left 8 houses At 10 m 7 f Uchal 20 houses, 1 shop
		Rajan	11	2				Good over level with try and hills	Indifferent, from Rojan	Two small walled villages on the border, occupying ground NE
		Total			40	1				
		3 March.								

TABLE No 274.

## FROM SUKKUR TO BAHAWULPOOR, BY SURZULKOTE.

GENERAL DIRECTION, NW

Administration.		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS.		
Military	Civil		Stage	Total						
			Actual	Per stage						
General Officer Commanding Beas District, Ferozepore	Collector of Ferozepore	Sukkur to Rawan	1	8	1	8	By water	Abundant	Abundant	Across the Indus.
		Karnahpur	10	6	11	6	Made road over heavy clay soil with of railway track through plain, 8 bridges and 4 undrained fields.	Fertile. Good all shop and		20 houses. Occupying ground N At 4 f cross Ganges with (bridge) At 4 f cross the Eastern bank small (bridge) 70 yards wide At 1 m across the Indus State Valley Railway under construction At 1 m 1 f road to Jalandhar branches off to the right At 1 m 21 f across the railway At 1 m 71 f road to Jalandhar branches off to the right At 2 m 41 f Uchal 20 houses, 1 shop and 2 wells about 2 f right At 3 m 25 f Miranpore, 20 houses, 10 shops about 2 f right At 5 m 21 f Bahawalpur 20 houses 2 shops At 7 m 3 f Ghum Ghum, 20 houses 10 shops At 7 m 8 f cross a small stream, which the road runs, heavy and sandy, but possible for Artillery
		Control over			11	6				





A substation.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stage.	Total.					
Military.	Civil.		Miles.	Percentage.					
BARRACKPORE TINSUKIA.	British India Agency at Barrackpore.	Barrackpore to Khar.	1	0	120 24	Good, over an open country.	Abundant, but not very good.	Scanty.	A small village, with cultivated country ground on a sandy plain; country partly covered with thick jungle; the rest open.
		Khar to Khar.	2	0	240 24				
		Khar to Khar.	3	0	311 24	Bad in some parts, otherwise, and intersected by small.	Little.	Little.	A small village off the road; country ground some distance from it, good.
		Khar to Khar.	4	0	411 24				
		Khar to Khar.	5	0	511 24	Very bad, winding, and heavy for guns; some several miles.	Abundant.	All kinds.	A large village, the capital of the British India Agency, Khar, irregularly shaped and surrounded by a wall and well, with houses, with a gateway of masonry; country around very fertile, with numerous fruit gardens. It is celebrated for its manufacture of carpets, &c.
		Khar to Khar.	6	0	611 24				
Total.				120 41					
25 Miles.									

TABLE No. 275. (1)

## FROM SUKKUR TO DEERKANER, BY JEYSULMEER.

GENERAL DIRECTION, E.

A. Substation.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.			
			Stage.	Total.							
Military.	Civil.		Miles.	Percentage.	Miles.	Percentage.					
General Officer Commanding the Madras Division, Madras.	Collector of Barrackpore.	Barrackpore to Khar.	1	0	1	0	By water.	Abundant.	Abundant.	Across the Indian.	
		Barrackpore to Khar.	12	0	17	0					
		Wade or Wade.	0	0	21	12					
		Dahar.	10	2	29	4					
		Mahira.	14	3	33	6					
		General at Barrackpore.	30	3	63	0					
		Kharak.	0	0	112	1					
		Kharak.	0	0	123	4					
		Chattah.	12	6	130	0					
		Dejyehat.	14	1	140	1					
General Officer Commanding the Madras Division, Madras.	Agent to the Government-General for Bengal, at Agartala.	Bara, Bara.	12	4	152	6					
		Chattah.	14	0	170	6					
		Lahar.	18	3	188	7					
		Chattah.	19	3	200	1					
		Dahar.	15	0	215	1					
		Carried over.			224	1					

Table No. 122. (7)

Table No. 122.



TABLE No 275 (2)

## FROM SUKKUR TO BHEKANER, BY KHANPOOR.

GENERAL DIRECTION S.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supply	Remarks
Military	Civil		Stage		Total					
			Miles	Furlongs	Miles	Furlongs				
RAJASTHAN TERRITORY	British Military Agent at Bikaner	From Sukkur to Khanpoor			123	5 1/2				See Table No 271
		Mithras	21	0	144	5 1/2	Good, level and heavy, a wide of gravel road	Some local water	Same	A few huts by the walls.
		Shiva hots	40	0	204	5 1/2	Do the	Plentiful and good	Plentiful	A good walled village and a khanda; also a small fort.
		Khanpoor	31	0	235	5 1/2	Do the	Water very salt, some in sand of the walls. Some water	Do the	A village with a small fort about 40 yards square. The villagers draw the sea water for drinking in copper pots holding 200 gallons.
		Bikaner or Khanpoor	21	0	256	5 1/2	Do the	Do the	Do the	Do the do the
General Officer Commanding Military Division Bikaner	Agent to the Government General for Rajasthan, at Bikaner	Bikaner	23	0	279	5 1/2	Do the	Worst water of the road very far water	Do the	About 150 houses in detached groups.
		Jaipur	18	0	297	5 1/2	Heavy sand hills and level hard tracts of a few hundred yards.	Goodish	Do the	Small village surrounded by hills of dead sand.
		Bikaner	23	0	320	5 1/2	Good for	5 walls of gravel water	Mediocre	Small village.
		Gujarat	20	0	340	5 1/2	Do the	5 tanks	Plentiful	A large village; a hunting residence of the Maharaja of Bikaner.
		Bikaner	18	0	358	5 1/2	Do the	Plentiful	Do the	The capital of the Gujarat State.
		Total			358	5 1/2				
		26 Miles								







TABLE No. 278.

## FROM DADUR TO QUETTA BY THE BOLAN PASS.

CENTRAL DIRECTOR, N.W.

By Captain A. R. STODOLSKY. Feb. 1900.

Authorities		Name of Stage	Distance		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil		Stages.	Total.				
			Stages.	Stages.				
		From Dadur to Camp to Khamilhal	9	31	Made road, becomes bad.	Partial from the Bolan river.	None, except grazing for animals.	At Khamilhal is a Khel chandi, N. E. of which is a good occupying ground. After leaving Dadur, bridges over irrigation canals are crossed at 1 1/2, 1 1/2, 1 1/2, and 8 m. 1/2, at last bridge the new road to the Railway Station, distance 10 m. 7 1/2, branches off. At 8 m. 1/2 water the Bolan bed, 400 yards wide, water stream about 15 yards broad and 2 feet deep; the river bed is stony, banks clay. River occasionally underdrains a low meadow, after two or three days heavy rain. At 8 m. 1/2, pass Fort Chabro, thence water the Bolan Pass; the river is crossed 5 times between this observation and Khamilhal.
Asst. to the Governor-General, Quetta.	South Koria	7	4	30	Done. Also River crossed also twice.	Done	Done	A killing stage on the south end of the Koria plain above the level of the river bed. At 8 m. 8/ from Khamilhal pass a chert-look of the Bolan. After leaving Khamilhal the pass gradually narrows, till at 2 m. it is only about 80 yards broad, after which it is done out, the hills on both sides being left but generally accessible.
	North Koria D.	4	4	31	Road good	Water plentiful from channels and from river about a mile from camping ground.	Sheep, mules, ponies, very many.	A bungalow and kitchen, to the west of which is the village of Koria, consisting of about 50 houses. Camping ground to the north-west of the bungalow.
	New Balamahal	7	8	39	Road good with a few small waterfalls.	Water plentiful from streams.	None	Camping on Koria plain, ground stony. At 6 1/2, the foot-path to old Balamahal branches off. Water abundant crossed at 1 m. 4 1/2, 1 m. 8/2, and 7 m. 3/2.
	New Akhgar	5	8	45	Road good, the slightly increasing.	Partial, from streams here.	Do.	Good open occupying ground, but stony on a western side of the road. Dry ravine crossed at 2 1/2, 4 m. 1 1/2, 6 m. 8/2, and 8 m. 4/2.
	Mach P. T.	8	11	43	Road good, with a steady rise.	Abundant, from Bolan river.	Do.	At Mach are some small huts, kitchen, and a Telegraph and Post Office; at 7 m. 11/2 descend into the Bolan river bed from which cross Mach plain, on which are occupying ground and Communication and Transport Depots.
	Shi-Jarab	3	6	47	Road trying to lead back on account of snows and desertion of natives.	Abundant, from perennial spring on right side of river bed.	Do.	On leaving Mach plain descend into and cross the Bolan river bed, 400 yards broad, bed stony. At 8 1/2, pass Post and Telegraph Office, after which is a heavy meadow to get on to high ground. At 8 m. 11/2, pass old Shi-Jarab guard hut and descend into Bolan river bed. Occupying ground on high ground near spring.
	Lower Doman	5	2	52	Road trying to lead back on account of snows and desertion of natives.	Water brought artificially by an aqueduct from Upper Doman.	None, except grazing for animals.	A bungalow and hut near occupying ground which is on both sides of the road. At 8 m. 8/2 water across part of pass, which water runs from 80 to 100 yards wide. Hills steep on both sides.

RECAPITULATIVE REPORT OF THE SURVEY

Political Agent at Kohat.

Brought over

Bar-nab

Quinta or Kat

Laponghe

Bury Hore

Karak Lalwan

Carried over

222 1

15 4 237 5

8 7 245 4

8 4 253 9

7 6 260 5

12 4 272 9

278 4

Road over a desert plain with a few gentle ascents and descents

Road over a sandy valley

Abundant

Little

Good

Good

Good

Good

Grass, forage and fuel abundant

Supplies abundant, forage and fuel tolerable as

Good

Good

Good

Good

would the top is reached where the road crosses over a low hill forming rather a deep canal and descends into the "Valley of stretchedness"; the road there lies over a level plain covered with wild thyme and various flowers for about 8 miles. Elevation of the surrounding ground 4,000 ft. From the end of July to the middle of September the pasture is unfavourable for the movement of troops through the holes year or during this time there are usually three or four hills of rain, causing the river to swell; besides this the land during these months is unproductive; there is no timber from the sea, and even the heights are unproductive. Grains and grain are not so variable in the past as they are in the present. The hills of the lake suffered by 7 days both for men and horses. Grains and forage for animals are generally procurable; the grass is a long coarse kind and the small forage is a peculiar description of shrub called "Horn" and another "Tree" used for animal strengthening and a good substitute for corn (here is).

Barley, wheat, rice, sheep, goats and mules are in great demand in the bar and the neighbouring places; from Kurin and adjacent villages large quantities of rice are obtainable. Dried, with fish and other smaller plants could furnish an army of 200,000 men with provisions for many months.

The holes route is a road proceeds but five miles; there are however many dips (holes) which do not exist in the Ova (holes) and (holes) route; if the road runs over wet hills, grass and forage are badly deficient. Between Shikrapur and the mouth of the new water is very scarce; one acre of 20 miles is over a wet desert; the hills itself is exposed to floods during winter and in the (hole) season in summer, and the river, up of about 100 miles to the "Cable Quarter" would leave 80 miles of marsh without water.

The country is covered with wild thyme and other shrubs partial cultivation near Bar-nab.

Quinta the chief town of the valley of Shikrapur is pretty situated in the centre of the valley with hills on all sides about 4 miles the town is small surrounded by a mud wall. There are two primary canals in the W and if a canal in the N side. This is built on an eminence in the centre of the town. The river Hore, which enters the valley through a small gorge about 4 miles N.W. of Quinta affects abundance of water. Elevation 5,000 feet. The road lies over rather a sandy valley later suited to numerous water sources, villages, gardens and orchards with a good deal of cultivation are scattered about. The cable road runs through Quinta.

A large village

Two or three small villages 3 or 4 miles to the east on the right, towards the hills.

A few hills near an aqueduct the village of Karak is 5 miles to the SW. Country well cultivated.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS.		
			Stage	Total						
Military	Civil		Miles.	Postage	Miles	Postage				
Broomfield's—Route of Transport	Public Agent at Khelal	Brought over			378	4				
		Moscow	16	2	258	6	Road good to Terve	Abundant	Abundant	A large walled town. many villages near; country well cultivated. At 11 m. pass Terve, a large village.
		Moscow ab	11	0	300	4	Road good	Ditto		House on the banks of the Moscow-ab, a small stream, no village near; country well cultivated.
		Dash Mahomed Kalman	9	3	309	7	Ditto	From an aqueduct		A small village
			13	3	322	1	Ditto	Ditto		Eight small villages, situated in a well cultivated valley
		Borom Gharoo	9	6	331	6	Ditto	Ditto		Two or three small villages scattered about on a well cultivated and extensive plain.
		Gharoo	17	7	348	3	Ditto	Plentiful	From Khelal	A small village and aqueduct. Country a well watered valley with several villages. No water procurable between Borom Gharoo and Gharoo.
		Khelal	8	3			Ditto	Abundant	Abundant	A large city, the residence of the Khan of Khelal, occupies it on a plain, among gardens and cultivation. At 9 m. 3/4 pass the large village of Syrat
		Total			367	7				
		30 Marches								

TABLE No. 279

## FROM SURAT TO BROACH.

## GENERAL DIRECTION N

CENTRAL DIVISION A

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Postage	Miles	Postage				
General Officer Commanding Bombay Division	Collector at Broach	Barvi Convent to Borom	13	4	13	4	Made road for 6 m. The roads and walls and a cart track		Moderate	A large village. Many N. near a large well. At 1 1/2 miles the town of Borvi by the Otan gate and pass through for about 8 miles. At 3 to 1 1/2 cross the Topan river about half a mile wide by a deep bed at low water or by boats at all times. To Varnar a large village with 3 dharmas on the N. bank. Post Bagra at 9 m. and Purna at 11 m. 3/4.
		Kan Othoo or Kato	7	1	13	5				
		On account	13	14	21	19				
		Broach	8	64						
		Total			20	6				
		4 Marches								
										Plate Table No. 26

## FROM SURAT TO SHWAUN, BY "HOPPE'S BRIDGE" AND RANDEH

		Barvi Convent to	14	3	1	4	Made road for 5 m. 4/5	Trails and walls	Moderate	A large village. Many N. near a large well. At 1 1/2 miles the town of Borvi by the Otan gate and pass through for about 8 miles. At 3 to 1 1/2 cross the Topan river about half a mile wide by a deep bed at low water or by boats at all times. To Varnar a large village with 3 dharmas on the N. bank. Post Bagra at 9 m. and Purna at 11 m. 3/4.
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TABLE No. 280.

## FROM SURAT TO CAMBAY, BY BROACH AND DEHWAN.

GENERAL DIRECTION, E.S.W.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stage.	Total.						
			Miles. Pachanga.	Miles. Pachanga.						
General Officer Commanding Maratha Division, Ahmedabad.		Collector of Broach.	From Surat to Broach.	18 4	18 1			Feet Table No. 27.		
		Collector of Broach.	From Chokri .. ..	7 1	25 5					Feet Table No. 28.
			Omachwala .. ..	18 24	31 0					
			Broach .. ..	6 0	40 6					
			Kakela .. ..	13 4	53 1					
			Almool .. ..	11 8	64 4					
			Pratimner .. ..	6 8	70 7					Feet Table No. 4. (3)
			Padipala .. ..	8 45	80 34					
			Dehrva .. ..	8 8	88 11					
		Collector of Kutch.	Sunday Factory B P.	16 7		Chir road, all black.	Abrahami	Abrahami		A large walled town, the residence of a J. at the head of the Gulf and south of the river. First office, good water ground near the factory on the bank of the west of the English burial ground. It is 7 1/2 paces. Kutch, 1,000 shops, 3 wells, and a tank. At 6 p. Kutch, 200 houses, 4 shops, 3 wells, a tank. At 7 p. 7 1/2 p. Kutch, 20 houses, and a small tank, no supplies. At 10 1/2 p. Kutch, 400 houses, 10 shops, 3 wells. At 11 p. 1/2 p. Kutch, 100 houses, 2 wells and 3 shops. Country cultivated, largely near Wasse.
			Total .. ..		106 1					
								10 Marches.		

Table No. 378 B  
From SUKUR to IMANGARH.  
By DUL-RA-KOT.  
GENERAL DISTRICT 8-2.

Station.		Name of Stage.	1888-89.				Road and Rail.	Water.	Supplies.	Remarks.
			Miles.		Total.					
Very.	Good.		M.	F.	M.	F.				
General Office Constantinople, Nov. 13th 1891; Karamalla.							By water			Aras river below
		Hokti	1	0	1	0	Good	Abundant	Abundant	
		Mazr Khana Is kot	8	1	9	7	Do.	Do	Do	A small fort. Country round Mazr Khana Is too well cultivated
		Khadpur	11	4	21	3	Do.	Do	Do.	A large village
		Dijli Is kot	10	7	23	3	Difficult, except for big vessels, when taken down by heavy R.	Do	Do.	A fort on hill surrounded by swamps, well.
	Condition of Mail-transport.	Chundia	22	0	44	3	Do	Do	None	A small village
		Hava River	20	0	14	3	Do.	Do.	Do.	Country unsuitivated. No supplies grow except in neighborhood.
		Lak	22	0	46	3	Do.	Scarcely	Do.	
		Mitri	11	0	57	3	Do	Abundant	Do	A few boats only
		Padri	8	0	65	3	Do	Scarcely and landish.	Do.	
		Jamsherdh	6	0	71	3	Do.	Abundant, slightly salt	Do.	Old fort of Persian origin.
		10 Marches								

Table No. 877 B.  
From WARDHA to CHANDA.  
By WARORA.  
GENERAL DIRECTION S.E.

[illegible]